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## COMMERCE & TRANSPORT DEPARTMENT

### NOTIFICATION

The 22nd May, 2025

No.2284—COM-PORT-MISC-0029/2019/Com.— The following draft of certain rules, which the State Government propose to make in exercise of the powers conferred under sub-section (6) of Section 5 and sub-section (1) of the Section 107 of the Inland Vessels Act, 2021 (24 of 2021) is hereby published as required under sub-section (1) of the Section 104 of the said Act, for information of all persons likely to be affected thereby and the notice is hereby given that the said draft will be taken into consideration of the State Government on or after the expiry of the period of thirty days from the date of publication of this notification in the *Odisha Gazette*.

Any objection or suggestion which may be received from any person in respect of the said draft on or before the expiry of the period so specified above will be taken into consideration by the State Government.

### Draft

#### The Odisha Inland Vessel Rules, 2025

##### Chapter-I

##### Preliminary

- Short title, extent and commencement.** — (1) These rules may be called the Odisha Inland Vessel Rules, 2025.  
(2) They shall come into force on the date of their publication in the *Odisha Gazette*.

- Application and Scope.** —

Save as otherwise expressly provided by rules (appended to these rules at Annex-1), notified by the Central Government under the Inland Vessel Act 2021, the provisions shall apply as follows;

- (1) Provisions prescribed under Chapters I, II, III, IV, VI, VII, VIII, X, XI of these

rules shall apply to all mechanically propelled inland vessels.

- (2) Provisions prescribed in sub-section (1) and Chapters V of these rules shall apply to all 'Special Category' mechanically propelled inland vessels.
- (3) Provisions prescribed under Chapters I, II, V and IX of these rules shall apply to all non-mechanically propelled inland vessels.

3. **Definitions.**— (1) In these rules, unless the context otherwise requires

- (i) 'Act' means the Inland Vessels Act, 2021 (24 of 2021), as amended from time to time.
- (ii) 'Central Rules' means the rules in subsections (iii) through (xii) under this section or any other rules prescribed under the Act;
- (iii) 'Central Accommodation Rules' means the Inland Vessels (Crew and Passenger Accommodation) Rules, 2022;
- (iv) 'Central Design and Construction Rules' means the Inland Vessels (Design and Construction) Rules, 2022;
- (v) 'Central Fire Fighting Appliances Rules' means the Inland Vessels (Fire Fighting Appliances) Rules, 2022;
- (vi) 'Central Life Saving Appliances Rules' means the Inland Vessels (Life Saving Appliances) Rules, 2022;
- (vii) 'Central Life Saving Appliances Rules' means the Inland Vessels (Life Saving Appliances) Rules, 2022;
- (viii) 'Central Manning Rules' means the Inland Vessels (Manning Rules, 2022.
- (ix) 'Central Prevention of Pollution Rules' means the Inland Vessels (Prevention and Containment of Pollution) Rules, 2022;
- (x) 'Central Registration Rules' means the Inland Vessels (Registration and other Technical Issues) Rules, 2022;
- (xi) 'Central Safe Navigation Rules' means the Inland Vessels (Safe Navigation, Communication and Signals) Rules, 2022;
- (xii) 'Central Survey and Certification Rules' means the Inland Vessels (Survey and Certification) Rules, 2022;
- (xiii) 'Designated Authority' means Director of Ports appointed under Rule 8 of these Rules.

- (xiv) 'Enquiry' means to include, but not limited to, the process of inspection of the vessel, her machinery, articles on board. Verification of records of the vessel, and the like by the registering authority for the purpose of registration;
- (xv) 'Form' means a form as set forth in the form's manual as Schedule-I appended to these Rules;
- (xvi) 'Major conversion or Modification' means any of the following:
  - a. Change in Gross Tonnage of the vessel by more than ten percent;
  - b. Change of vessel type; or
  - c. Change of propulsion system or main engines or type of fuel;
- (xvii) 'Main drawings of the vessel' means the following:
  - a. General arrangement;
  - b. Main structural plans: Midship section, Profile and Decks, Shell Expansion; and
  - c. Machinery layout, details including the Propulsion System;
- (xviii) 'Registrar of Inland Vessel' means any officer appointed as such by the State Government and includes Joint Registrar of Inland Vessel or Deputy Registrar of Inland Vessel;
- (xix) 'Schedule' means the schedule appended to these rules;
- (xx) 'Section' means Section of the Act;
- (xxi) 'Standard Procedures' means the procedures appended to these rules;
- (xxii) 'State Government' means the State Government of Odisha;
- (xxiii) 'State Mechanised Inland Vessel Rules' means the Rules in Chapters I, II, III, IV and V of the Odisha Inland Vessel Rules, 2024;
- (xxiv) 'State Special Category Inland Vessel Rules' means the Rules in Chapter VI of the Odisha Inland Vessel Rules, 2024; and
- (xxv) 'State Non-Mechanised Inland Vessel Rules' means the rules in Chapter VII of the Odisha Inland Vessel Rules, 2024.

(2) Expressions used but not defined in these rules but defined in the Central Rules and Inland Vessel Act 2021, to have the meaning assigned to them in the Act or the Central Rules.

## **Chapter II – Appointments and authorizations**

4. **Appointments.**— (1) The appointments of the designated authority and officers for administration of the Act, Central Rules and these rules shall be notified by the State Government in the Official Gazette.  
 (2) The appointments in subsection (1) shall cover the requirements of sections 3(zk), 5(3), 10(1), 12, 16(1), 19(2), 20(1b), 107(2a), 36(1), 40(2), 43, 53(2), 56(1), 58(1), 74(2), 76(2), 85(1), 99, 105(2), 107(2a), 107(2y), 107(zd), 107(ze).
5. **Authorisations.**— (1) The State Government may authorise any of its department to administer and implement the provisions of Chapter XVII of the Act.  
 (2) The State Government may authorise any department to administer the welfare fund constituted for the purposes of Chapter XVII, with such authority and obligation.

## **Chapter III - Survey, Certification and Registration Rules**

6. **Effect of Provisional Certificate.**— Any mechanically propelled inland vessel, which has been issued with a provisional certificate of survey or endorsement to such effect under the Act or Central Registration Rules, may proceed on voyage or use in service, temporarily, pending the issue of the certificate of survey, subject to the following conditions:
  - (1) The provisional Certificate of Survey shall have same effects as it is a Certificate of Survey, subject to the provisional limitations if any.
  - (2) Vessel shall be manned as required under the provision of the Act and rules therein.
  - (3) Vessel shall be fit to apply in all respects complying with the provisions of the Act and rules therein.
  - (4) Where the provisional Certificate of Survey is provided to obtain certificate of insurance, the vessel shall not proceed on the voyage till the vessel is insured as per the provisions of the Act.

7. ***Suspension of Certificate of Survey.*** — (1) The Certificate of Survey may be suspended in accordance with the grounds of suspension given in sub-section (1) of Section 15 of the Act.
  - (2) In cases where the grounds of suspension given in sub-section (1) of section 15 of the Act exist, State Government shall issue a Notice of Suspension to the vessel owner, operator, or master or construction yard as per Form in Schedule 1(A) appended to these rules.
  - (3) The 'Notice of Suspension' shall specify the grounds for suspension, including details of the violations or deficiencies identified during inspection or survey and stating the errors to be rectified and conditions that have to be complied with by the owner, operator, master or construction yard within three months from the date of issuance of such notice.
  - (4) The certificate so suspended shall be handed over by the owner or master of the vessel to the Registrar, who issued the certificate.
8. ***Cancellation of Certificate of Survey.*** — (1) Non-compliance of the notice of suspension by the owner, operator, master or construction yard within the period specified therein, shall be recorded and the notice of cancellation of 'Certificate of Survey' issued, which shall come into force with immediate effect.
  - (2) The certificate so cancelled shall be handed over by the owner or master of the vessel to the Registrar, who issued the certificate.
  - (3) The details of the cancelled certificate to be entered in the book of registry maintained by the registrar
9. ***Functions of Registrar.*** — The registrar of Inland vessels appointed as per section 20 of the act shall perform the functions as outlined below:
  - (1) Registration of Inland Vessels:
    - (i) The Registrar shall maintain a registry of all inland vessels operating within operating within its jurisdiction in accordance with sub-section (1) of section 21 of the Act.
    - (ii) The Registrar of Inland Vessels shall report the details of the book of registry or entries made therein, to the State Government in accordance with sub-section (2) of Section 21 of the Act.
    - (iii) The Registrar shall oversee the process of registering new inland

vessels and updating registration information for existing vessels, including ownership changes, modifications, or transfers of registration and other processes under the Inland Vessels (Registration and Other Technical Issues) Rule 2022.

- (iv) The Registrar shall ensure that all registered vessels comply with the requirements of Chapter IV of Inland Vessels Act 2021 and Inland Vessels (Registration and Other Technical Issues) Rule 2022.
- (2) The registrar shall maintain the records as follows:
  - (i) Record the details of registration, mortgage, transfer of registration and issuance of duplicate certificate of registry, issuance of No Objection Certificate to other state or place of registry and any other details as may be prescribed by the State Government.
  - (ii) Cancellation of Certificate of Survey of the inland vessel.
- (3) The registrar shall report the information to the State government in the following manner:
  - (i) The Registrar of Inland Vessels shall submit a report detailing the contents of the book of registry to the State Government on a monthly basis.
  - (ii) The reporting period shall cover all registrations, updates, and transactions recorded in the book of registry during the month.
  - (iii) The report shall include comprehensive details of all registered inland vessels, including but not limited to: - Vessel particulars (e.g., name, type, dimensions) - Ownership information (e.g., owner name, address, contact details) - Registration status (e.g., active, suspended, revoked) - Certificate and license information (e.g., Certificate of Registry, Operator's License) - Survey records and inspection history - Any other relevant documentation or information pertaining to vessel registration and regulatory compliance.
  - (iv) The report shall be accompanied by any supporting documents, certifications, or evidence required by the State Government to verify the accuracy and completeness of the reported information.
  - (v) The report may be submitted electronically, by mail, or through any other approved means of communication, ensuring timely and secure delivery to the designated authority.

(vi) Submit an annual report of all registrations, updates and transactions.

**10. Additional Particulars on Certificate of Registration (24(2)).—** (1) Details of major modification or alteration of the vessel.

- (2) If vessel is registered anew after major modification or alterations
- (3) Limitations of operations in terms of zone, geographical area, routes, cargo, or capacity as per Certificate of survey or Certificate of fitness.

**11. Display of official number.** — The official number (registration number) shall be displayed on the inland vessels as per the rule 8 of the Central Registration Rules.

**12. Duplicate Certificate.** — (1) Vessel owners or operators seeking a Duplicate Certificate of Registration shall submit an application form in schedule 1(A) appended to these rules.

- (2) A fee as prescribed by the State Government in Schedule V of fees have to be paid by the Vessel Owner for the issuance of a Duplicate Certificate of Registration along with the application.

**13. Entry of alteration or modification of vessel in the ‘Certificate of Registration’.—**

- (1) Any major alteration or modification of the vessel shall be reported within 30 days as per rule 9 of the ‘Central Registration Rules’.
- (2) Form no. 6 prescribed under the “Central Registration Rules” shall be used by the owner, operator or master of the mechanically propelled inland vessel to make an application, for entry of alterations or modifications made, in the certificate of registration, under sub-section (1) of section 28 of the Act.

#### **Chapter IV – Manning and Certificate of Competence**

**14. Manning.** — The manning requirement of each inland vessel shall be recorded in the Certificate of Survey, by the surveyor as per the ‘Central Manning Rules’.

**Register of Certificate of Competence.**— (1) Chief examiner appointed as per the ‘Central Manning Rules’, is responsible for maintenance of the register of ‘Certificate of Competence’ issued or ‘Certificate of Service’ granted under the provisions of the Act in electronic format as per section 41(1) of the Act.

- (2) The electronic register to record, details, data of the certificates issued, granted, suspended, cancelled, and the endorsements of the additional skills on the certificates shall be maintained in a central database ensuring security and integrity of the data.
- (3) The central competence database shall be kept updated all the time and the State Government shall report and update the Competent Authority with the information on data and details of certificates issued, granted, cancelled or suspended or such other remarks, made by the respective authority at regular intervals of not more than thirty days as per section 41(3) of the Act.

## **Chapter V – Special Category Vessels**

**15. Application.**— (1) The Designated Authority shall identify mechanically propelled inland vessels as Special Category Vessels as per the criteria and standards prescribed by the Competent Authority under section 42(1) of the Act and shall maintain the list of special category vessels identified here under.

- (2) The rules in this chapter apply to special category inland vessels identified by the Designated Authority in paragraph (a) above and are in addition to the requirements and provisions ‘Special Category’ Rules notified by the central government as per the Act and rules applicable to mechanically propelled inland vessels.
- (3) The special category vessels shall be surveyed in addition to the survey required by the rules contained elsewhere for its fitness pertaining to the special category as per standards prescribed by the Competent Authority.
- (4) The Designated Authority may prescribe additional specifications for the special category vessels that are goal based for safety of passengers, property, cargo, and for protection of environment.

**16. General Requirements.** — The special category vessel identified by the Designated Authority shall meet the requirements pertaining to its special category for the following.

- (i) design and construction;
- (ii) survey;

- (iii) registration; and
- (iv) manning, qualification and completeness.

**17. *Certificate of Fitness.*** — (1) The owner or master of a mechanically propelled inland who intends to register the vessel as special category vessel shall make an application to the Designated Authority in the form of Schedule-VII with the documents as specified in the form.

- (2) The special category vessel shall be registered as special category on submission of valid Certificate of Fitness (CoF), Certificate of Insurance or Insurance policy covering additional risks if any due to special category.
- (3) The registration number of special category vessel shall be suffixed by SPL. If the existing vessel is modified as a special category vessel its original registration number to be suffixed as SPL. The details of special category vessels to be maintained in database so that they may be easily filtered or sorted out.
- (4) New Certificate of Registry shall be issued in case a mechanically propelled inland vessel is modified into special category vessel.

**18. *Survey.*** — (1) On receiving the application for registration of mechanically propelled vessel as special category vessel, the Designated Authority shall appoint a surveyor who is experienced and empaneled as surveyor for the special category under which the vessel is intended to be registered. The appointed or authorized surveyor shall have requisite expertise/experience pertaining to the special category vessel for survey and issuance of certificate of fitness.

- (2) The surveyor appointed shall:
  - (a) verify for compliance with the provisions of the special category as per the Act and criteria prescribed by the Competent Authority or Central Government Inland Vessel Special Category rules;
  - (b) survey the safety features, gears and such other measures by which any mechanically propelled inland vessel, identified as special category vessel under this Chapter;
  - (c) verify that the vessel is equipped in accordance with the categorization

of such vessel;

- (d) verify the maximum carrying capacity of the vessel identified as special category vessel and specify the safety load line or the limits of load line to keep the vessel afloat, and other criteria and conditions prescribed by state government, other than those mentioned in the Act for the safe voyage of such inland vessel.
- (e) the fire-fighting, life-saving appliances and other safety measures of special category vessels shall comply and equipped in accordance with the categorization of vessel;
- (f) grant a certificate of fitness as prescribed in Schedule VII if the vessel complies with the requirements in paragraph (a) to (e) above; and
- (g) refuse to grant the certificate of fitness in respect of the application made if the vessel does not comply with the provision of the paragraph (a) to (e) above or the provision of the Act, and record reasons thereof in writing.

(3) The Designated Authority may appoint a surveyor to go on board any special category vessel, and inspect the vessel including the hull, equipment and machinery or any part or properties of such vessel.

(4) The owner, operator, agent, master and any such person in-charge of the special category vessel, shall make available all necessary facilities to the surveyor for inspection and survey, and all such information regarding the vessel and her machinery and equipment, or any part thereof, respectively, as the surveyor or such other officer may reasonably require.

**19. *Manning and Certification of Competence.*** — (1) Additional manpower may be required for special category vessel depending on the special category and operations, same shall be ascertained by the surveyor at the time of survey and noted on the Certificate of Fitness.

(2) The manpower to be deployed on special category vessel shall be appropriately trained and certified to be competent for that special category. The training, examination and certification for additional competence for the special category to be as specified by the Competent Authority or as specified by the Designated Authority.

## **Chapter VI – Pollution Prevention**

**20. Reception Facilities.** — (1) The rates of charges to be received by the owner or operator of all cargo terminals or passenger terminals, providing reception facilities for pollutants, garbage and sewage shall be as specified in Schedule-V appended to these rules.

- (2) The owner or operator of the passenger or cargo terminal shall keep a record of receipts of all waste (pollutants, garbage sewage etc.) received at the terminal and an annual report of compliance to be submitted by the port reception facility as prescribed in Schedule-XV.
- (3) The owner or operator of the inland vessel shall discharge all the pollutants to port reception facility as per the procedure prescribed in Schedule-XV

## **Chapter VII – Detention and Inquiry**

**21. Detention.** — (1) The designated authority or an officer appointed by the state government when deciding to detain, forfeit or removing from the inland waters a mechanically propelled inland vessel, under the provisions of section 63 of the Act or subsection (4) of section 85 of the Act, shall follow the detention procedures in schedule XI to these rules.

- (2) The vessel may be released from detention on satisfactory corrective actions to the conditions specified in the notice of detention, including but not limited, rectification of deficiencies, or compliance with regulatory requirements and payment of claims, fines or penalties.

**22. Inquiry into casualty, accident or wreck. —**

- (1) The information of any wreck, abandonment, damage, casualty, accident, explosion or loss occurred to or on board such a vessel while in the inland waters, shall be given by the owner, operator or master of a mechanically propelled inland vessel, to the officer in-charge of the nearest police station and to the designated authority appointed under sub-section (1), in form and manner as prescribed by the State Government in schedule XIV.
- (2) The District Magistrate shall have the authority to initiate inquiries into maritime incidents occurring within their jurisdiction upon the direction of the

State Government and to submit additional report under sub-section (2) of Section 75 of the Act.

- (3) The District Magistrate shall have the power to summon witnesses, examine evidence, and ask for the production of documents relevant to the inquiry.
- (4) The procedure to conduct the inquiry is as specified in the schedule XVI

### **Chapter VIII— Fees, Fines, Charges, Penalties and Collection**

#### **23. *Collection.* —**

- (1) In pursuance to the requirements of the section 89 of the Inland Vessel Act 2021 the state government appoints the authority to collect the fees and additional fees for the services provided under this Act and any other charges or payment made to it against payments towards penalties, at such rates and intervals, as specified in schedule V or as may be prescribed by the State Government.
- (2) The procedures, forms and format of receipts, maintenance of accounts and any other matter that is necessary for the purpose of the remittance, collection, accounts and accountability of collected fees, additional fees, charges or payment against penalties of pecuniary nature is prescribed in 'Standard Procedures for collection of Fees' etc. or as may be prescribed by the State Government.

#### **24. *Fees, Fines, Penalties and Charges.* —**

- (1) In pursuance of sub-section (4) under section (89) of the Inland Vessel Act, 2021, the Central Inland Vessel Rules, State Inland Vessel Rules, the State Government of Odisha may notify the fees, additional fees and manner of collection in schedule V appended to these rules.
- (2) Whoever, contravenes any of the provisions of the Act, Central Inland Vessel Rules 2022 and Inland Vessel Rules Odisha, 2023 shall be punishable with penalty as mentioned in the chapter XVI (Offences and Penalties) of the Inland Vessel Act 2021 and collected by the authority appointed in sub-section(1) under section (23) of these rules.

### **Chapter IX— Rules for Non-Mechanically Propelled Inland Vessels**

#### **25. *Application.* —**

This chapter shall exclusively apply to Non- Mechanically Propelled Inland Vessels.

**26. Definitions under this chapter. —**

In these rules, unless the context otherwise requires:

- (1) **Inland Vessel Act 2021** means the Inland vessels Act of 2021 as published in Gazette of India on 12<sup>th</sup> August 2021 as amended;
- (2) **non-mechanised boat** means Non mechanically propelled Inland Vessels or water craft, called by whatever name like Bhut-Bhuti etc. in which the vessel is put into motion by solely employing human manpower through Oars or Mechanical pedals or by other similar means excluding mechanically propelled vessels; For the purpose of these rules, the Boat means a "Non-Mechanised Boat";
- (3) **cargo boat / barges** means any "Non-Mechanised Boat", which ordinarily carries all kinds of movable or personal property including animals;
- (4) **passenger boat** means any "Non-Mechanised Boat" which ordinarily carries persons other than the "Boat in-Charge" and the crew;
- (5) **sports craft means** non-mechanised boats such as kayaks or rowboats used for sports or for personal use or for any other such purpose, as long as it can be demonstrated that the boat is not used for any commercial purpose. The Provisions of these rules shall not apply to these boats / crafts;
- (6) **GP rating**, a person having completed the training as per Inland Vessel Manning Rules, 2022;
- (7) **boat in-charge** is a Qualified GP rating who is either owner of the boat or is nominated by the Owner of the boat.
- (8) **manji / tindal** Refers to individuals who traditionally operate inland vessels but may not have formal qualifications or training.
- (9) For the purpose of these rules, Inland vessels shall be classified as follows: -

<b>Categories or Criteria</b>	<b>"A"</b>	<b>"B"</b>	<b>"C"</b>
Passenger capacity	More than 20	More than 11 and less than 20	Less than or equal to 10
Cargo carrying capacity	More than 30	More than 11 and less than 30 Tons	Less than or equal to 10Tons

In case any Non-Mechanically propelled boat is carrying any Dangerous goods and Flammable liquids, other than for its domestic use, the relevant rules for category A vessel shall apply.

- (10) **area of operation** – the non-Mechanised Boats can only ply within Zone 3 (as defined by rule no. 4 (1) iii of Inland Vessel Act 2021);
- (11) **form** means any of the Forms appended to these rules of this Chapter;
- (12) **department** means the Transport Department or specified by the state government, authorised to carry out surveys / Inspections and issue /suspend / cancel Registration to the Boats and Personnel working on these boats.;
- (13) **registrar of boats** means the Directorate Ports and Inland Water Transport responsible for Survey / Certification / Registration of Non-Mechanised Boats as well as for collating and maintaining the database of Boats in the State. The competent authority has the power to appoint / declare as many as many Registrar of Boats, as it may deem fit;
- (14) **boat surveyor** means a person appointed as such by the State Government authorized to carry out Inspection and surveys of Boats in accordance with these rules and issue certificate / suspend certificate / cancel the relevant certificate;
- (15) **survey date** means the date at which the 1<sup>st</sup> survey has been carried out and subsequent survey shall be carried out within 3 months (+/- 3) of this survey date keeping the anniversary date same every year. The Anniversary date for Annual survey shall only change in case of Major repair or when new survey is carried out after cancellation of certificate of Registration;
- (16) **bat ghat / boat terminal** means a platform / deck made of wood, brick, stone, iron, concrete, HDPE / FRP floaters etc., for entering water bodies and shall be used to land on the banks of water bodies commonly used by personnel for embarkation / disembarkation of crew and passengers as well as for loading and unloading of cargo, animals and cattle, goods and materials etc. through barges/ boats under the charge and control of the State Government;
- (17) **enrollment** means the process of registration of non-mechanically propelled inland vessels and registration used in this chapter shall have

the same meaning as enrollment as required under the provisions of chapter XVII of the Act;

- (18) **salvage** means the process of recovering a boat and its cargo after an accident or other riverine casualty. Salvage may encompass towing, lifting a vessel, or effecting repairs to a boat; and
- (19) **expressions** used but not defined in these rules, shall have the meaning assigned to them by the State Government or any authority or officers appointed herein, by special or general order or circular, unless defined in the Central Rules or Act.

**27. *Registration of Cargo and Passenger “Non- Mechanised Boats”.*—**

- (1) No person shall whether as owner or as servant shall ply a “Non - Mechanised Boat” to carry goods or passengers whether for hire or not or whether regularly or occasionally in the rivers, canals, lakes and reservoirs or on any other Inland water body;
- (2) Unless the “Non-Mechanised Boat” has been Registered as required under these rules and granted a Certificate of Registration in **Form-8 (Registration)** as prescribed in **Inland Vessel Registration and Other Technical Rules of Schedule-I (Forms Manual)**; and
- (3) Unless the letter specified in **Schedule IV** of these Rules, appended to these rules indicating the place of registration followed by the registration number assigned is painted on both sides of the Boat in white figures against a contrasting background of not less than 15cms in height and 2cms breadth in English Letters.

**28. *Application for Registration.* —**

- (1) All application for registration of a “Non-Mechanised Boat” shall be applied through online portal to the Registrar of Boats as per **Form-1 (Registration)** together with **Form no. – 2 (Registration)** as prescribed in **Inland Vessel Registration and Other Technical Rules of Schedule-I (Forms Manual)** of these rules and shall contain particular of the name of the owner and address, the name of the "Boat in-Charge", the number of the crew, the description and tonnage of the “Non- Mechanised Boat” and in case of a passenger “Non-Mechanised Boat”, the number of passengers the “Non-Mechanised Boat” can safely carry.

- (2) The applicant shall produce the “Non-Mechanised Boat” at such time and place as the Registrar of Boats shall direct.
- (3) On receiving the application for registration of a “Non-Mechanised Boat”, the Registering Officer shall direct the Boat Surveyor to:
  - measure the “Non- Mechanised Boat” as required under rule 47 of this Chapter;
  - carry out an initial survey and Form No. 2 (Survey) along with Annexure to Form no. 2 of Central Inland Vessel Survey and Certification Rules of Schedule-I (Forms Manual)
  - enter the particulars in the Register of Boats as per Form-1 (Book of Registration) of Inland Vessel Registration and Other Technical Rules of Schedule-I (Forms Manual); and
  - on payment of fees specified in rule-166, a certificate of Registration in Form-8 of Inland Vessel Registration and Other Technical Rules of Schedule-I (Forms Manual) shall be supplied to the owners.

**29. *Transfer of Ownership of boat. —***

- (1) Every transfer of ownership shall be notified to the Registrar of Boats through online application Form no. 7 (Registration) of **IV Registration and Other Technical Rules of Schedule-I (Forms Manual)** and the original certificate of Registration along with the fees prescribed under **rule-166** shall accompany such notification.
- (2) Upon receipt of such application and prescribed fees, the Registrar of Boats upon verification shall endorse the new name on the Certificate of Registration or cause to issue a new Certificate of Registration as he may deem fit.

**30. *Cancellation of Registration. —***

The Registered number of a “Non-Mechanised Boat” shall remain in force as an identification number throughout the working life of the “Non-Mechanised Boat” unless: -

- (1) it is cancelled at the request of the owner; or
- (2) the “Non-Mechanised Boat” remains without valid survey for a period of two years; or
- (3) the “Non-Mechanised Boat” is declared unfit for further service by the Boat Surveyor; or

- (4) the number engraved on the “Non-Mechanised Boat” is obliterated.

**31. *Load Line and Other markings*—**

- (1) Every “Non-Mechanised Boat” having a registered tonnage exceeding 10 tons shall have her load line indicated by a conspicuous mark engraved into the hull of the boat and painted white on contrasting background. The owners in the presence of the Boat Surveyor shall make this mark at the time of registration.
- (2) Every boat shall have a display board with the following information, placed at a prominent place in Hindi, Odia and English:
  - registration number, place of registration;
  - date of last survey, maximum load / passengers it is allowed to carry; and
  - validity of insurance cover

**32. *Application for Survey “Non- Mechanised Boat”*.—**

- (1) Every application for the survey of a “Non-Mechanised Boat” shall be applied through online portal to the Boat Surveyor and shall be signed by the owner as per **Form No. 1 (Survey)** prescribed in **Schedule I** of these rules and shall state the residential address, No. Of Government issued ID, and contact information of the owner, the name of the Boat in-Charge, the number of the crew and the description and tonnage of the “Non-Mechanised Boat”.
- (2) The applicant shall produce the Boat at such time and place as the Boat Surveyor shall direct for the purpose of licensing the Boat.

**33. *Conditions for issuance of Certificate of Survey for “Non- Mechanised Boat”*.—**

- (1) No Certificate of Survey shall be granted in respect of any “Non-Mechanised Boat” until such boat has been surveyed by the boat surveyor and he has satisfied himself that the following conditions are fulfilled, namely: -
  - (a) that the boat is in good condition, suitable for the conveyance of cargo / passengers and complies with the provisions of these rules;
  - (b) that the tonnage of the boat is ascertained in the manner prescribed under sub-rule(d) of rule 47 of these rules;

- (c) that the boat is manned in accordance with the scale prescribed under these rules;
- (d) That the boat is provided with adequate appliances for the pumping or bailing out or otherwise getting rid of bilge water and is equipped for safe navigation, making fast and anchor;
- (e) the free board of the boat when fully loaded is ascertained in the manner prescribed in sub-rule (e) of rule 47 of this chapter; and

**33. Survey.** — (1) The Boat shall be surveyed every year by the boat surveyor and have her bottom inspection done every 5 year.

(2) The annual survey to be carried out within 3-month of the anniversary date of the last survey and anniversary date of the survey shall remain the same as the initial survey date.

**34. Issue of Certificate of Survey to a “Non- Mechanised Boat” . —**

- (1) If the conditions enumerated in rules 32 and 33 of this chapter are satisfied and necessary payment of fees as prescribed under in rule 54 of this chapter has been made, the boat surveyor shall:
  - (a) Issue to the owner a Certificate of Survey, which shall contain the particulars of the boat, and the name of the boat in charge, in Form-6 in Schedule-I (Forms Manual).
  - (b) Cause the necessary particulars relating to the “Non-Mechanised Boat” to be entered in the Book of Registration; and
  - (c) Cause to be painted, on both sides of the boat, the number assigned in the Certificate of Registration to such boat.

**35. Duration of Certificate of Registration. —**

The Certificate of Registration granted under these rules shall continue in force unless the vessel is damaged beyond repair / wrecked or it is revoked by the competent authority under the provisions of these rules.

**36. Certificate of Registration is Transferable and Endorsement of Mortgage.—**

- (1) Certificate of Registration granted under these rules is transferable as per the provision of rules for Mechanically propelled vessels.
- (2) In case the boat is mortgaged to any financial institution, the owner is obligated to provide this information to the department who in turn shall endorse same on the certificate of registration.

- (3) In case the owner wishes to sell the boat to another person, he must provide with No-Objection Certificate (NOC) from the financial institution after cleaning the loan amount, before executing the sale. Form-9 (Instrument of Mortgage) given in schedule-I (Forms Manual) to be used to provide the documentary evidence of such mortgage.

**37. *Application for renewal of “Non- Mechanised Boat” Certificate of Survey.—***

- (1) The owner or his authorized agent shall make an application for the renewal of a Certificate of Survey for a “Non-Mechanised Boat” to the boat surveyor, through the Registrar of Boats. The Boat Surveyor may at his discretion before renewing the Certificate of Survey require the boat to be produced for examination; and if he is of the opinion that the vessels satisfy the conditions specified in this chapter, may renew the Certificate of Survey for a period of one year for which a fee shall be payable in accordance with the scale prescribed under rule 54.
- (2) If the owner, agent or Boat in-Charge fails to make application for the renewal of Certificate of Survey within 60 days from the date of expiry of the old Certificate of Survey, a fine as per rule 54 is to be paid.

**38. *Certificate of Registration and Certificate of Survey to be produced on demand. —***

- (1) Every registered “Non-Mechanised Boat” when plying shall carry on board its Certificate of Registration and Certificate of Survey which shall be produced when required by the police or any officer duly authorized by the Collector or the Registrar of Boats or the Boat Surveyor and shall be delivered in case of expiry or cancellation to the registrar.
- (2) In case of a Passenger Boat the Certificate of Registration shall be produced when required by any passenger for inspection

**39. *Boat without certificate of Registration. —***

- (1) If the Boat in-Charge of a “Non-Mechanised Boat” fails to produce the Certificate of Registration and Certificate of Survey as required under 38, the boat may be treated as a boat without certificate of registration unless satisfactory explanation is given to the Registrar of Boats or in his absence to the Boat Surveyor and a fine prescribed in rule 54 may be imposed.
- (2) The police or any other officer authorized by the District Collector shall

report to the registering officer regarding boats without certificate of registration.

**40. *Resurvey.* —**

The Registrar of Boats shall, at any time, order a registered boat to be resurveyed without any charge to the owners.

**41. *A Qualified GP Rating to be in- charge of “Non- Mechanised Boat”.* —**

No “Non-Mechanised Boat” shall be allowed to ply unless it is in charge of a Qualified GP Rating, the name of the in charge shall be endorsed on the Certificate of Survey.

**42. *Revocation of Certificate of Registration.* —**

The Certificate of Registration granted to any boat may be revoked:

- whenever the boat, unfit for the purpose for which it is Registered;
- whenever any breach of the conditions of the Certificate of Registration or the rules has been committed by the owner or his agent or by any Boat in-Charge of the boat; and

**43. *Duplicate Certificate of Registration.* —**

If any Certificate of Registration granted in respect of a “Non-Mechanised Boat” is lost, the registering officer on the application of owner or agent of such boat, may issue a duplicate of the original Certificate of Registration for which a fee shall be payable in accordance with the scale prescribed in rule 54.

**44. *Limits of Loading.* —**

The owner or his agent, or the Boat in-Charge of any registered boat shall not permit such boat to be loaded so as to sub merge the mark indicating the load water line or loaded beyond its certified capacity.

**45. *Action to be taken in case of an accident / Wreckage.* —**

- (1) Whenever any accident-causing serious hurt to any person or material damage to any property occurs on board, or by the boat, the Boat in-Charge shall report the the accident to the officer in charge of the nearest Police station. He shall also report the accident to the Boat Surveyor and Registrar of the Boats.
- (2) In case of sinking of boat due to accidents or otherwise the “Non-Mechanised Boat” owner/operating personnel shall immediately report the matter to the concerned authority/ police.

- (3) The boat owner shall also take immediate steps within a reasonable time for salvaging the boat in line with the provision of rules for Mechanically Propelled Inland vessels.
- (4) Provided that police shall register an FIR in this connection on his own information or on the basis of information received from public.
- (5) Casualty reporting and Accident Investigation to be carried out as per the provisions of Chapter V: Casualty reporting and Accident Investigation rules for Mechanically propelled Inland vessels.

**46. *Pumping out of bilge water From Non- Mechanised Boat. —***

All Non-Mechanised Boat must be provided with bailing arrangements to get rid of from a boat as often as possible for safe navigation, to the satisfaction of the Boat Surveyor.

**47. *Measurement of Non- Mechanised Boat. —***

- (1) Length of a “Non-Mechanised Boat” shall be measured in Meters from the inside of the stem post to the inside of the stern post;
- (2) The breadth shall be measured in Meters from side to side, inside the ceiling plank, under the deck beam amidships. Where no ceiling plank is fitted the measurement shall be taken to the upper side of the sheer strake.
- (3) The depth shall be measured in meters from the underside of the deck beam amidships to the upper side of the floor ceiling plank. Where no ceiling plank is fitted, the measurement shall be taken to the upper side of the keelson.
- (4) The gross tonnage of the “Non-Mechanised Boat” shall be determined by the following formula.

$$\text{Gross Tonnage} = KV.$$

Where  $V$  = Total volume of all earning spaces of the boat in cubic metres and  $K$  = The coefficient as tabulated below.

Volume in Cubic Metres	Coefficient K
10	0.2200
20	0.2260
30	0.2295
40	0.2320
50	0.2340

60	0.2356
70	0.2369
80	0.2381
90	0.2391
100	0.2400
200	0.2460
300	0.2495
400	0.2520
500	0.2540
600	0.2556
700	0.2569
800	0.2581
900	0.2591
1000	0.2600

The values for coefficient K for intermediate volumes can be obtained by linear interpolation.

- (5) Every boat exceeding 10 tons shall have on its sides amid ships at a conspicuous mark 2.5cms high and 15cms wide cut and painted white to indicate the freeboard or greatest depth to which it may be immersed when fully loaded. The freeboard shall be calculated at the rate of 25cms for every meter of depth.
- (6) Whenever a boat is registered to carry both passengers and cargo it shall be measured and marked with a load line in the same way as though it is intended solely for carrying of cargo.
- (7) To ascertain the number of passengers that a passenger boat shall carry, multiply the superficial area in square metres of the floor space available for passengers by 1.8 and the result is the number of passengers that the boat shall be Registered to carry. Where benches or thwarts are provided the number of passengers to be carried may be calculated at the rate of 2 persons for every running meter of seating accommodation.
- (8) Whenever a “Non-Mechanised Boat” is registered to carry both passengers and cargo the total load shall be such that the load line marked on the boat is not submerged and the maximum number of passengers to be carried shall to be mentioned a prominent place.

(9) To ascertain the number of persons in addition to the crew that may be carried, two children below the age of 12 years shall be counted as one person and every 50Kgs weight of luggage shall be counted as equivalent to one person.

**48. *Requirement of Manning for Cargo and Passenger “Non- Mechanised Boat”/ Manning Rules. —***

Every cargo or passenger “Non-Mechanised Boat” plying shall carry a minimum crew as given below:

- (i) For Category – “A” – 5 GP Rating including Boat in-Charge.
- (ii) For Category – “B” – 3 GP Rating including Boat in-Charge.
- (iii) For Category – “C” – 2 GP Rating including Boat in-Charge.

Note –

- (1) Provided that when cargo “Non-Mechanised Boat” is in tow with a Mechanised- towing launch half the above crew shall be considered sufficient.
- (2) Provided further that when “Non-Mechanised Boat” is laid up, there shall be sufficient crew to look after them.
- (3) When the Non-Mechanised boat is plying only in lake / still waters – the crew on the boat maybe reduced by 1 crewmember.
- (4) The Directorate of Port and IWT may modify the manning requirement for the boats as deemed necessary based on area of operation and duration of Operation.

For all other rules pertaining to Examinations and Exam Centres, Training and Training institutes, Certificate of Competency, issuance Examination, Grant and cancellation, etc. the rules of mechanised vessels shall apply.

**49. *Responsibility of a person in charge of a “Non- Mechanised Boat”. —***

The owner, agent, or person-in-charge of any Registered “Non-Mechanised Boat” shall ensure: -

- (i) that the boat is provided with the number of crew required under these rules;
- (ii) that the boat is kept thoroughly dry and clean;
- (iii) that the registration number is kept clearly painted as required under

these rules;

- (iv) that the Certificate of Registration is carried in the boat;
- (v) that the equipment specified in the Certificate of Registration is provided and maintained in good condition;
- (vi) that the load line, in case of a cargo boat is kept clearly marked;
- (vii) that the boat, if carrying cargo, is not loaded so as to submerge the mark indicating the load water line;
- (viii) that the boat, if carrying passengers, does not carry persons in excess of the number for which it is Registered; and
- (ix) that the number of maximum passengers to be carried is written prominently as specified in these rules.

**50. *Construction and Equipment requirement for Non- Mechanised Boat.* —**

Construction and Equipment requirement for Non-Mechanised Boat is given in Section- 2 and 3 of Schedule VIII of these Rules.

**51. *Lost Property.* —** When property belonging to any passenger is left in a passenger boat, the property so left shall at once be sent by the person in charge of the boat to the officer in charge of the nearest Police Station and the police will take follow up action as per relevant provisions of law in this regard.

**52. *Power to refuse admission of Passengers.* —** The Boat in-Charge may refuse to admit any person to the boat as a passenger if he —

- (i) has not paid the fare; or
- (ii) is insane; or
- (iii) is suffering from an infections or contagious disease; or
- (iv) is drunk and in capable of taking care of himself; or
- (v) is disorderly and causes annoyance to other passengers; or
- (vi) when the boat is loaded to its full capacity.

**53. *Conduct of Passenger.* —** No passenger on any boat shall -

- (i) carry any dangerous goods or firearms or decayed food stuffs or any other offensive articles on any boat.;
- (ii) obstruct the Boat in-Charge or crew in the discharge of their duties;
- (iii) damage or attempt to damage the boat or any article on the boat;

- (iv) be drunk and disorderly, or drunk and incapable or taking care of himself;
- (v) commit any nuisance or act of indecency, or use obscene or abusive language; and
- (vi) without lawful reason, interfere with the comfort of any passenger.

**54. Fees, Fines, Charges, Penalties and Rules for detention etc.** — (i) The fees leviable for survey, registration, Licensing and inspection and endorsing change of Boat in-Charge is or boats and the fines and penalties for violation of these rules is given in the Schedule V of these Rules.

(ii) The Registrar of Boats may revise the fees and penalties from time-to-time with approval from the competent authority as deemed fit.

(iii) The Registrar of Boats holds the power to detain any boat which is operating in violation of these rules. Detention of any boat, to follow detention rules, prescribed in for mechanised vessels.

**55. Inspection of Boats.** — Any boat at any reasonable time be inspected by the Registrar of Boats or the Boat Surveyor or by any other officer appointed on his behalf for the purpose of survey.

**56. Register of Boats and Database to maintain.** — It is mandatory to register all non-Mechanised crafts / boats plying on Rivers / canals / lakes, reservoirs or on any other water-body. The registrar of Boats is required to maintain the database of all such boats, plying within the within the area of their jurisdiction and shall subsequently submit the database to the Director IWT, who shall maintain the database of all such boats plying within the state. Such database shall be readily available for Inspection or any other purpose, whenever required by any higher authority. The register of Boats format shall be maintained as per the Form No.-1 (Book of Registration) as prescribed in Inland Vessel Registration and Other Technical Rules of Schedule-I (Forms Manual)

**57. Boats to be kept ready for relief work.** — All boats Registered under these rules shall as far as practicable be kept ready for use in floods and cyclonic relief works. The District Magistrate or his authorized officer may requisition

such boats if he feels necessary for public purposes on payment of charges to be negotiated/ finalized by the Department.

58. **Breach of Rules.** — Every person violating any of the provision of these rules, shall be prosecuted and punished in accordance with the appropriate provisions of the Bharatiya Nyaya Sanhita, 2023 and other provisions of law.
59. **Rash navigation and stacking of timber.** — Whoever navigates, anchors, moors or fastens any vessel or raft or stacks any timber in a manner so rashly or negligently so as to damage a public ferry, shall be prosecuted and punished in accordance with the appropriate provisions of the Bharatiya Nyaya Sanhita, 2023 and other provisions of law.
60. **Misconduct of passengers.** — (1) Any passenger using public ferry or using the approach to or landing the place thereof and who refuses to pay the proper toll or with an intent to avoid payment of such toll fraudulently or forcibly use such ferry without paying the toll or who obstructs any toll collector or lease holder of the tolls of a public ferry or any of his authorized assistant in any way in the execution of their duty assigned under these rules, shall be prosecuted and punished in accordance with the appropriate provisions of the Bharatiya Nyaya Sanhita, 2023 and other provisions of law.
  - (2) Any passenger who after being warned by any such toll collector or lease holder of the toll of a public ferry or his authorized assistant not to take any animal, vehicle or other things into the boat or upon any bridge at such a ferry, which is in such a state or so loaded to endanger human life or property, or who refuses or neglects to leave or remove any animal, vehicle or goods from any such boat or bridge on being requested to do so, shall be prosecuted and punished in accordance with the appropriate provisions of Bharatiya Nyaya Sanhita, 2023 and other provisions of law.
61. **Power to arrest.** — The police may arrest any person for committing any cognizable offence under the provisions of Bharatiya Nyaya Sanhita, 2023 and other Laws, so far as violation of any of the provision of these rules is concerned on receipt of complaint from the crew / owner of the boat present at the spot or by the officers of the department.
62. **Assessment of damage.** — Any Accident / Damage shall be assessed / investigated as per provisions provided in the Rules for Mechanically Propelled Inland Vessels.

**63. *Dissemination of weather information.*** — The Registrar of Boats / District Authorities shall arrange to provide the weather information to the owners and operators of boats and at the ghats / boat terminals at regular intervals especially when the adverse weather is expected in the region.

**64. *Operation of Boat ghats / Boat Terminals.*** — The boat ghats / terminals shall be operated by the local Panchayat Bodies, who shall have the power to collect toll from the users of the Boat ghats / Boat Terminals under the guidance of the Registrar of Boats.

**65. *Use of Boats in case of State Emergencies.*** — Local District Collector/District Magistrate is the authority to requisition boats during emergency / exigencies of administration. Necessary higher charges for use of boats along with crew shall be chargeable as per finalization of rates by State Disaster Management Authority (SDMA).

**66. *Insurance.*** — (1) **Mandatory Insurance:**

- (i) All operators of non-mechanically propelled inland vessels must procure and maintain the following insurance coverage:
  - Personnel Insurance: Coverage for injuries or damages to crew and passengers.
  - Third party liability: Coverage of third party liability as per the rules under the Act.
- (ii) Insurance coverage shall be obtained from any insurance provider duly registered and approved by the Insurance Regulatory and Development Authority of India (IRDAI).
- (iii) Minimum coverage limits for each type of insurance shall be determined by the State Government in consultation with relevant authorities and stakeholders.
- (iv) The details of the minimum coverage limits for each type of insurance are provided in Schedule IX of these Rules, which shall be amended from time-to-time.

**(2) Penalties for Non-Compliance:**

- (i) Non-compliance with this rule shall result in penalties as prescribed by State IWT Department, which may include fines, suspension of vessel operations, or legal action.
- (ii) The details of Penalties for Non-Compliance for Boat Owners are provided in Schedule V of these Rules, which shall be amended from time-to-time.
- (3) Education and Outreach: IWT Department, shall initiate awareness and educational programs to inform vessel owners and operators about this insurance rule and its benefits through its welfare schemes.

**67. State Government approved routes.** — The Operators of the Non-Mechanised boats shall operate their boats only on the routes pre-approved by the state government through the Director of Ports and IWT, Odisha who shall from time to time define the routes and stretches for non- Mechanised boats to ply in. the details for such routes and stretches are given in Schedule X of these Rules

**68. Prevention and Containment of Pollution.** — (1) It is the responsibility of the owner or operator to ensure that the vessel is properly equipped and maintained for containment and removal of pollutants from all vessels to shore facilities in accordance with the provisions of Section 54 of the Inland Vessels Act 2021 and Central Pollutions rules under the Act.

- (2) Except in the case of a demonstrated emergency, the discharge into an inland waterway of any pollutant, is prohibited and the chemicals and substances specified in the First Schedule of Inland Vessels (Prevention and Containment of Pollution) Rules, 2022.
- (3) The crew and passengers shall be notified by placards or another information mode, of the above-mentioned discharge prohibitions and they shall be informed on the locations where garbage or pollutants which are generated on the boat, may be stored on board.
- (4) For the purposes of protecting and preserving biodiversity, aquatic life and environment; and to minimise the damage caused by navigation of inland vessels, all inland vessels passing through areas notified as ecologically sensitive areas and protected areas shall comply with the

applicable norms and standards, as prescribed by the Central Government under Environment (Protection) Act, 1986 (29 of 1986), the Wild Life (Protection) Act, 1972 (53 of 1972) and any other law for the time being in force.

- (5) For the purpose of sub-rule (4), in the event of any accidental spill of pollutants from any inland vessel the owner, operator or Boat in-Charge of such vessel shall inform the jurisdictional designated authorities of respective State Governments, and the State or Central Pollution Control Boards established under the Environment (Protection) Act, 1986 (29 of 1986).
- (6) For the purpose of sub-rule (4), to mitigate the effects of pollution that is already caused or is likely to be caused, joint efforts shall be adopted by the respective designated authority or the State or Central Pollution Control Board to guide the owner, operator or Boat in-Charge to carry out necessary measures to prevent such spill or discharge and thereby to ensure pollution containment.
- (7) Garbage –
  - (i) Garbage shall be discharged at shore reception facilities and suitable arrangements for the retention of garbage on board shall be provided. Shore reception facility for the purpose of this rule means a local storage facility, receptacles, bins, etc provided by the terminal or local authority or as authorised by the terminal authority or by the Registrar of boats to collect the garbage.
  - (ii) Every non-Mechanised boat of category A and B shall display placards informing the crew and passengers of the disposal requirements of garbage.
- (8) Oil or oily waste (from Cargo / domestic use) –
  - (i) No oil or oily waste shall be discharged overboard and the material which is retained onboard shall be subsequently discharged to a suitable reception facility ashore and a record of all such discharges shall be kept onboard, and the receipt shall be kept for a minimum duration of three months.
  - (ii) Every inland vessel shall be equipped with a holding tank or equivalent arrangement of capacity to the satisfaction of the Boat Surveyor.

(9) Sewage –

- (i) All Non-Mechanised boats where sewage is generated shall carry onboard a bio-digester of such capacity sufficient for the number of persons on board.
- (ii) The discharge of non-treated sewage into inland waterways is prohibited.

(10) Use of Antifouling Paints - The use of environmentally harmful organic compounds in antifouling paints is prohibited.

(11) The Boat in-Charge shall be the designated person onboard to ensure compliance with Prevention and Containment of Pollution rule and shall maintain a record of all Garbage / Oil residue / sewage / any other waste material removal from the Non- Mechanised Boat in-line with the local rules.

(12) Survey under these Rules – During the annual inspection by the Boat surveyor, the condition Pollution Prevention arrangements and Equipment shall be checked and endorsed on the survey certificate by the Boat Surveyor. The fees payable by the Boat Owner to the Terminal Owner / Operator for disposal of Garbage to be in line with the Schedule-V (Fees charges, Penalties and their collection) of these rules.

**69. *Transition from Manjhi/Tindals to GP rating.*** — (1) Within 3 years of these rules coming into force, all existing Manjhis / Tindals to complete the formal training, conversion course from an approved institute to become a GP Rating.

(2) All the new manning on the non-Mechanised boats after these rules come into force shall be in accordance with these rules.

(3) The Manjis / Tindals working on non-Mechanised boats wishing to complete their desired training within 18 months of implementation of these rules shall be sponsored by IWT Odisha, through the welfare fund created under these rules.

(4) The Criteria for transition from Manjhi / Tindal to a Qualified GP Rating is given in schedule in this chapter.

**70. *Integration of Existing boats to follow Latest rules.*** — All of the existing non-Mechanised boats shall -

- (i) Undergo Inclining experiment, Underwater Inspection by way of taking hull out of water and Reserve Buoyancy test within 2 years of these rules coming into force and results of it to be provided onboard. Such tests carried out on any one of sister vessel shall be deemed acceptable for all such vessels to the satisfaction of the Boat Surveyor.
- (ii) Shall endeavor to employ the new personnel with certification as per these rules and the existing boats manned as per these rules within 3 years of implementation of these rules.

**71. *Welfare Fund / Subsidies.*** — A separate department to be created under IWT, Odisha for welfare fund whereby income shall be generated by sales of tickets / levy of cess / surcharge etc. from the Boat / Terminal operators and users of the Inland waterways as well as through the Corporate Social responsibility (CSR) of Stakeholder Companies which shall in-turn be used to further develop the sector by –

- (i) creating awareness and conducting knowledge dissemination sessions for educating the owner, operator and service user on improvements required for safe navigation.
- (ii) provide / conduct training such as below, but not limited to, Jal Yatri Sahayak Course, Passenger Safety Course for terminal operators
- (iii) provide Boat Ambulances, Rescue Boats and other such crafts in all vulnerable water bodies.
- (iv) provide equipment and devices of safety and navigation at a subsidised rate;
- (v) provide support or relief during casualties, accidents or such emergencies; and
- (vi) for such other purposes as it may deem fit.

## Chapter X – Pilotage

**72. *Pilotage.*** — By virtue of section 83(2) read with section 3(zk) and 107(2) (a) of the Act, State appoints the designated authority to act as pilotage authority

for regulating and administering the requirements of pilotage and for said purposes appoint pilots in their respective jurisdiction or such stretch of inland waters as may by an order or direction be notified under these Rules.

**73. *Pilotage Authority.*** — The pilotage authority shall provide for the training, examination, qualification, certification and licensing of pilots who are empanelled in the list of pilots.

### **Chapter XI - Grievances and Appellate Authority**

**74. *Grievances.*** — For the purpose of these rules a grievances redressal forum and a mechanism for receiving the Grievances, addressing and keeping a record of their redressal is in place which is given in **Schedule-XII**.

**75. *Removal of difficulty.*** — The State government shall form a committee which looks after such situation which is not mentioned in present set of rules arose, state government can make committee to take necessary steps to tackle such problems. The Procedure for such mechanism is given in schedule XIII buffer time for same is granted up to 2 years from the implementation of Odisha Inland Vessel Rules 2024.

**76. *Appellate Authority.*** — (1) The State government shall form an Authority for the purpose of Appeal.  
 (2) Every owner, operator, master, construction yard or any person shall be entitled to appeal the suspension / cancellation of certificates / fines or penalties levied, which shall be addressed by the appellate authority. Procedure for such mechanism is given in **SOP-XII**

**77. *Amendment.*** — (1) The State government shall at any point of time feels present rules become adamant and practically not implementable, or  
 (2) There is requirement/ need of certain change in present set of rules according to changing situation, state government reserve right to amend such provisions.

## Schedule- I (Forms Manual)

### List of Forms

S. No.	Form No.	Purpose	Rule No.
<b>Central Inland Vessels 'Survey and Certification' Rules 2022</b>			
1	1	Form of application for conducting survey of inland vessel	4(1)
2	2	Declaration of survey	15(1)
3	2A	Record of equipment and vessel information	15(3)
4	3	Application for provisional certificate of survey	15(4)
5	4	Provisional Certificate of Survey	15(4)
6	5	Certificate of Survey - Category 'A' Vessel	15(2)
7	6	Certificate of Survey - Category 'B' / 'C' Vessel	15(2)
8	7	Particulars to be furnished for Survey of New Vessel or Vessels which are to be surveyed for the first time	4(1)
9	8	Official Log Book for an Inland Mechanically Propelled Vessel	22(1)
10	9	Application for Change of Name of the Vessel on Certificate of Survey	20(1)
<b>Inland Vessels 'Registration and Other Technical Issues' Rules, 2022</b>			
1	1	Book of Registration	5(4), 5(10)
2	2	Application for Registration	4
3	3	Declaration of Ownership	5(1b)
4	4	Appointment of date and time of inspection of the Inland Vessel by the Registering Authority	5(5)
5	5	Carving and Marking Note	5(8)
6	6	Request/Application for registration of alteration	9(3)
7	7	Application for Transfer of Registry	10(3), 11(2)
8	8	Certification of Registration	6(1)
9	9	Instrument creating Mortgage	13(1)
<b>Inland Vessels 'Manning Rules', 2022</b>			
1	1	Medical Certificate for appearing in Certificate of Competency	8(1c), 9(1c), 10(1c), 15(1c), 16(1c), 17(1c), 19(1d)
2	2	Certificate of Service	13(1)
3	3	Application Form for appearing in Certificate of Competency	7(2), 14(2)
<b>Inland Vessels 'Limitation of Liability Rules', 2022</b>			
1	1	Cover Note	5(1)
2	2	Certificate of Insurance	6(2)
3	3	Report by any person finding the wreck	36(1)
4	4	Obstruction to Navigation	39(6)
5	5	Form of compliance with Reception Facilities	54(5) of IV Act
<b>Inland Vessels 'Detention of Vessel and Compliances for Prevention Of Pollution', 2022</b>			
1	1	Challan for Detention of Vessel	
2	2	Certificate of Compliances of Prevention of Pollution	[See rule 5 (2)]

## Survey and Certification Forms

### Form No. 1 (Survey)

#### Form of application for conducting survey of Inland Vessel

[see subrule (1) of rule 4]

**Date:**

**Place:**

**To**

**The Chief Surveyor/Surveying Authority**

**At Port .....**

#### Application for (indicate type) Survey of Inland Vessel

I/We, the authorized persons under the law hereby apply to you to make necessary arrangement for the Initial/Periodical/Dry Docking/ (strike out the not applicable ones) of the Inland Vessel detailed below.

The particulars of the vessel are as under;

- (1) Name of vessel:
- (2) Official no. of the vessel:
- (3) Port of Registry of vessel:
- (4) Tonnage (i) Registered .....
- (5) Type of the vessel:  
(Passenger/ Passenger-cum-cargo/ Cargo/ Tanker – state type, etc.)
- (6) Category of the Vessel:
- (7) Year of Build:
- (8) Name and address of Builder:
- (9) Hull Dimensions:
- (10) Place and date of last survey:
- (11) Type and British Horse Power (BHP) of main propulsion Machinery:
- (12) Details of other machineries:
- (13) Owner's name and address with telephone no.:
- (14) Agents name and address with telephone no.:
- (15) Date and time of proposed visit of surveyor:
- (16) Place of proposed Survey:

Station .....

Signature of Owner/Master/Authorized Person

Date .....

**Enclosures:**

- (1) Proof of payment of survey fee and other charges
- (2) Copy of last Certificate of Survey
- (3) Copy of Certificate of Registration (if already registered)
- (4) Document establishing the Authority of Authorised Person (if making request)

**Form No. 2 (Survey)****Form of declaration to be issued by the Surveyor****[see subrule (1) rule 15]****Declaration of Survey**

Ref. No. :

Dated:

This is to certify that I have surveyed the Inland Vessel named \_\_\_\_\_, Official No. \_\_\_\_\_, in accordance with the Inland Vessel Act, 2021 and the rules made thereunder.

During the survey, the condition of vessel and its equipment was found, as detailed in the “Record of vessel Equipment and Vessel Information” attached as annexure to this Declaration of Survey

Based on the details contained in the Record of Vessel Equipment and Vessel Information together with the number and qualification of personnel manning the vessel, the vessel is fit for the service stated in the Certificate of Survey, and worthy of the trade or purpose stated therein.

This declaration of Survey is valid upto sixty days from the date of declaration mentioned above.

**Surveyor**

Enclosure: Record of Equipment and Vessel Information

**Annexure to Form No. 2****Record of Equipment and vessel Information**  
[see subrule (3) of rule 15]

Name of Vessel	Type of Vessel	Category of Vessel	Number of Passengers	Official Number

Hull Material	Name of the Builder	Place of Build	Date of Build	Means of Propulsion	Total British Horse Power of Main Engine	Date of Engine Manufacture

Length	Breadth	Depth	Gross Registered Tonnage	Net Registered Tonnage

Firefighting item	Number/Type	Condition	Location
Fire Fighting Plan			
Fire Pumps (Mech)			
Fire Pumps (Hand)			
Portable extinguishers			
Fixed extinguishing system			
Fire Buckets			
Sand Boxes			
Hydrants			
Hoses, fittings and nozzles			

Equipment	Number	Type/Condition	Location
Anchors			
Anchor cables/Chains			
Bilge pumps			
Winches			
Cranes			
Derricks			
Towing Equipment			
Ropes and Lines			
Collision mat			
Gangway			
Fenders			
Boat hook			
First Aid Kit			
Binoculars			
Waste Containers			
Heaving line			
Axe			
Torch			

Navigation Equipment	Number	Condition	Location
Navigation Lights			
Sound Signals			
Shapes			
Magnetic Compass			
Class B AIS			
Communication equipment			
Nautical publications			

Location of passengers on specific decks and spaces in maximum loaded condition						
Deck/Space						
Maximum number of Passengers						

Freeboard						
Minimum freeboard,						
Number of Passengers						
Cargo (tonnes)						

Life-Saving Equipment	Number	Type/Condition	Location
Lifejackets			
Liferafts			

Launching arrangements			
Flotation Devices			
Lifebuoys			
Flares – Parachute			
Flares – Hand-held			
Smoke Signals			
Life raft equipment			
Emergency Communications			

Machinery/Electrical	British Horse Power	Type/Condition	Location
Main Machinery			
Main Generator			
Emergency Generator			
Main Steering Gear			
Auxiliary Steering Gear			
Switchboard			
Shore Connection			
Batteries			
Signal Light Switches			

Accommodation/Safety	Condition	Comment
Escape routes		
Washrooms		
Toilets		
Galley		
Messroom		
Water tanks		
Heating/cooling/ventilation		
Berth/locker		
Access to accommodation		
Lighting		
Machinery guards		
Guard rails		
Non-slip surfaces		
Ladders/companionways		
Noise insulation/protection/notices		
Foam flotation material: Density		

**Issued at:** .....

**on:** .....

(Signature of authorised official issuing the certificate)

(Seal of the issuing Authority)

**Application for Provisional certificate of survey**  
[see subrule (4) of rule 15]

From,

.....  
.....  
.....

To,

The Certifying Authority

.....  
.....

Sir,

**Subject: Application for Provisional certificate of Survey**

This has reference to the Declaration of Survey Ref No. xxxxxx dated xx/xx/yyyy for the vessel with Official Number xxxx.

It is requested that a Provisional Certificate of Survey be issued which is valid till such time a permanent Certificate of Survey is issued.

Yours faithfully,

Signature

Name of the Owner/Master/Authorized person

**Provisional Certificate of Survey****[see subrule (4) of rule 15]****Category A/Category B/Category C Vessel (to strikeout whichever is not applicable)*****Expiry on or before the.....day of 20....***

Provisional Certificate of Survey No. \_\_\_\_\_ Zone of operation \_\_\_\_\_

Date of Issue \_\_\_\_\_ Date of Expiry \_\_\_\_\_

This Provisional Certificate of Survey has been issued subsequent to Survey carried out of the below detailed inland vessel.

Name of the Vessel \_\_\_\_\_ Official No. \_\_\_\_\_

Port of Registry \_\_\_\_\_ Certificate of Registry No. \_\_\_\_\_

Gross Tonnage \_\_\_\_\_ Registered Tonnage \_\_\_\_\_ ,

Freeboard Assigned \_\_\_\_\_ mm, Loading marks placed on the vessel's side: Yes/No \_\_\_\_\_,

Name of the Master \_\_\_\_\_

Master's COC Grade \_\_\_\_\_ No. \_\_\_\_\_ Place of Issue \_\_\_\_\_

Name of the Engineer or Engine Driver \_\_\_\_\_

Master's COC Grade \_\_\_\_\_ No. \_\_\_\_\_ Place of Issue \_\_\_\_\_

Name and Address of Owner or Agent \_\_\_\_\_

Date of Survey carried out \_\_\_\_\_ Place of survey carried out \_\_\_\_\_

**PLYING LIMITS (as applicable): -**

Within inland waters limits of.....and not extending beyond ..... Nautical Miles from the nearest shore.

**CARGO/PASSENGER CAPACITY**

Maximum permissible cargo carriage capacity: \_\_\_\_\_ tonnes and /or \_\_\_\_\_ Passengers with \_\_\_\_\_ crew.

Safety equipment carried on the vessel:

No. of boats size and cubic capacity	No. of buoyant apparatus or Life rafts	No. of lifebuoys and lifejackets		Fire extinguishers			No. of anchors	Length size	
		Lifebuoy	Lifejacket	Foam type	Soda acid	Dry Chemical Powder		Anchor cable	Hose

THIS IS TO CERTIFY that the provisions of the rules with respect to the survey of the above-mentioned Inland Vessel and the Transmission of declaration in respect thereof, have been complied with.

This Provisional Certificate of Survey, issued under the provisions of section 13(1) of the Inland Vessels Act, 2021 continues to be in force only until the.....day of 20....

Examined and Registered

Signed by Chief Surveyor

**Certificate of Survey - Category 'A' Vessel**  
**[see subrule (2) of rule 15]**

Certificate of Survey No. \_\_\_\_\_ Zone of operation \_\_\_\_\_

Date of Issue \_\_\_\_\_ Date of Expiry \_\_\_\_\_

This is Certificate of Survey has been issued subsequent to Survey carried out of the below detailed inland vessel.

Name of the Vessel \_\_\_\_\_ Official No. \_\_\_\_\_

Port of Registry \_\_\_\_\_ Certificate of Registry No. \_\_\_\_\_

Gross Tonnage \_\_\_\_\_ Registered Tonnage \_\_\_\_\_ ,

Freeboard Assigned \_\_\_\_\_ mm, Loading marks placed on the vessel's side: Yes/No \_\_\_\_\_,

Name of the Master \_\_\_\_\_

Master's COC Grade \_\_\_\_\_ No. \_\_\_\_\_ Place of Issue \_\_\_\_\_

Name of the Engineer or Engine Driver \_\_\_\_\_

Master's COC Grade \_\_\_\_\_ No. \_\_\_\_\_ Place of Issue \_\_\_\_\_

Name and Address of Owner or Agent \_\_\_\_\_

\_\_\_\_\_

Date of Survey carried out \_\_\_\_\_ Place of survey carried out \_\_\_\_\_

**PLYING LIMITS (as applicable): -**

Within inland waters limits of -----

**CARGO/PASSENGER CAPACITY**

Maximum permissible cargo carriage capacity: \_\_\_\_\_ tonnes and /or \_\_\_\_\_ Passengers with \_\_\_\_\_ crew.

Safety equipment carried on the vessel:

No. of boats size and cubic	No. of buoyant apparatus or	No. of lifebuoys and lifejackets	Fire extinguishers			No. of anchors with their	Length size
			Foam type	Soda acid	Dry Chemical Powder		

THIS IS TO CERTIFY that the provisions of the rules with respect to the survey of the above-mentioned Inland Vessel and the Transmission of declaration in respect thereof, have been complied with.

THIS CERTIFICATE, unless previously cancelled or revoked, to be in force until the \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

Examined and Registered

Signed by Chief Surveyor

**Certificate of Survey – Category B/ Category C Vessel**  
**[Refer subrule (2) of rule 15]**

Category of Vessel :

Certificate of Survey No. \_\_\_\_\_ Zone of operation: \_\_\_\_\_

Date of Issue \_\_\_\_\_ Date of Expiry \_\_\_\_\_

This is Certificate of Survey has been issued subsequent to Survey carried out of the below detailed inland vessel.

Name of the Vessel \_\_\_\_\_ Official No. \_\_\_\_\_

Port of Registry \_\_\_\_\_ Certificate of Registry No. \_\_\_\_\_

Gross Tonnage \_\_\_\_\_ Registered Tonnage \_\_\_\_\_ ,

Freeboard Assigned \_\_\_\_\_ mm, Loading marks placed on the vessel's side: Yes/No, \_\_\_\_\_

Name of the Master \_\_\_\_\_

Master's COC Grade \_\_\_\_\_ No. \_\_\_\_\_ Place of Issue \_\_\_\_\_

Name of the Engineer or Engine Driver \_\_\_\_\_

Master's COC Grade \_\_\_\_\_ No. \_\_\_\_\_ Place of Issue \_\_\_\_\_

Name and Address of Owner or Agent \_\_\_\_\_

Date of Survey carried out \_\_\_\_\_ Place of survey carried out \_\_\_\_\_

**PLYING LIMITS (as applicable): -**

Within inland waters limits of \_\_\_\_\_

**CARGO/PASSENGER CAPACITY**

Maximum permissible cargo carriage capacity: \_\_\_\_\_ tonnes and /or \_\_\_\_\_ Passengers with \_\_\_\_\_ crew.

Safety equipment carried on the vessel:

No. of boats size and cubic capacity	No. of buoyant apparatus or Life rafts	No. of lifebuoys and lifejackets		Fire extinguishers			No. of anchors with their weight	Length size	
		Lifebuoy	Lifejacket	Foam type	Soda acid	Dry Chemical Powder		Anchor cable	Hose

THIS IS TO CERTIFY that the provisions of the rules with respect to the survey of the above-mentioned Inland Vessel and the Transmission of declaration in respect thereof, have been complied with.

THIS CERTIFICATE, unless previously cancelled or revoked, to be in force until the \_\_\_\_\_ day of \_\_\_\_\_ 20 \_\_\_\_.

Examined and Registered

Signed by Chief Surveyor

**Particulars to be furnished for Survey of New Vessel or Vessels which are to be surveyed for the first time  
[see subrule (1) of rule 4]**

1. Name of vessel (if already named)/Yard No.\_\_\_\_\_

2. Owner's name and address

3. Length, breadth and depth of vessel

4. Type of Vessel.

(Passenger, cargo, cargo-cum-passenger, Chemical Carrier, Liquid Carrier, Tug, Dumb barge, etc)

5. Particulars of hull

(a) Year of built

(b) Builders name and address

(c) Builders certificate

(d) Material of the hull

(e) Number of Bulk heads, their placement and thickness

(f) Hull plating material and thickness

(g) Frames (material and thickness)

(h) Floors (material and thickness)

6. Particulars of propulsion of Engines

(a) Number of sets fitted and Sr. No.

(b) Manufacturer's name and brand

(c) Model Number

(d) Year of built

(e) Type of Engine with Horse power of each

(f) Stroke \_\_\_\_\_ Cylinder diameter \_\_\_\_\_

(g) Diameter of propulsion shaft and material

(h) Type and Number of gears

(i) Test certificate

7. Particulars of equipment

(a) Anchor-Port, Starboard (weight and Material of each)

(b) Anchor-Spare (weight and material of each equipment)

(c) Chain: size type and length and test certificate (Port)

(d) Chain: size type and length and test certificate (Starboard)

(e) Ropes-size, material and number of ropes

(f) Search Lights, number, size and power

(g) Life buoys, Buoyant apparatus with Self Ignited lights, Number with buoyant lanyard

(h) Navigation Lights giving particulars and certificate, main mast, auxiliary mast, port, Starboard, Stem, Anchor not under command

(i) Shapes for anchor not under command etc.

(j) Sound signals: Mechanical or Electrical

8. Particulars of fire appliance

(a) Number, size and capacity of fire pumps

(b) Fire mains, diameter, material and number of hydrants

(c) Number of hoses

(d) Nozzles

(i) Jet type

- (ii) Spray type
- (iii) Jet/Spray type
- (e) Any other equipment

9. Number of portable fire extinguisher with particulars and name of manufacturers

- (a) Soda Acid
- (b) Foam
- (c) Dry Powder
- (d) Any other types

10. Particulars of communication equipment

11. Particulars of navigation equipment

12. Particulars of pollution control devices

- a) Sewage treatment and disposal
- b) Solid waste processing and disposal
- c) Sound Pollution Control
- d) Water consumption/day
- e) Source of water

13. No. of deck crew ----- No. of engine crew -----

14. Number of passengers

15. Plans, Drawings, etc.:

<b>Form No.8 (Survey)</b> <b>OFFICIAL LOG BOOK</b> <b>for</b> <b>AN INLAND MECHANICALLY PROPELLED VESSEL</b> <b>[see subrule (1) of rule 22]</b>										
Name of vessel		Official No.	Port of Registry	Survey certificate valid upto	Place where vessel shall be found generally stationed	Tonnage		Name of Master		
										Certificate of Competency No. and Date
						Gross	Net	Issued by		
Signature of Master										
Name and designation of crew : -										
Date	Sr. No. or Trip No.	Name of the loading or embarking point	Departure of loading or embarking point (If passenger vessel, attached or maintained list of passengers as per Annexure)			Arrival at unloading or disembarking point or Name of Mother vessel		Departure from unloading or disembarking point	Arrival at stationed point	Remarks
			Description	Quantity	Date	Time	Name of place or vessel	Date	Time	Date

Verification by Designated Authority

Name and Designation of verifying officer:

Signature & Date

<b>ANNEXURE FOR LOG BOOK</b> <b>(Details of passengers)</b>									
Vessel Name:				Official No.					
Sr. No.	Date	Trip No.	Name and Address	Photo Identification document		Photo Identification document no		Signature	

## DIRECTIONS AS TO KEEPING OFFICIAL LOGS

1. An official log shall be kept in the prescribed form in every Inland Vessel.
2. The official log may, at the discretion of the master or owner, be kept distinct from or united with the ordinary ship's log so that in all cases the spaces in the official log book be duly filled up.
3. The importance of keeping this book properly, and duly making all the entries at the proper time, and with the strictest regard to form, cannot be too strongly impressed on masters. By neglecting to do so masters render themselves liable to heavy penalties, and their owners to serious loss whilst members of their crew will suffer inconvenience from not being able to obtain records of their services. The absence of proper entries will also prevent fines or forfeitures from being enforced and will tend to prevent the maintenance of discipline.
4. An entry required by the Act in the official log book shall be made as soon as possible after the occurrence to which it relates, and, if not made on the same day as that occurrence, shall be made and dated so as to show the date of the occurrence and of the entry respecting it.
5. Every entry in the official log book shall be signed by the master and by the officer or some other member of the crew and also
6. If it is an entry of injury or death, shall be signed by the medical officer on board, if any, and if it is an entry of wages due to or the property of a crew member who dies, shall be signed by the officer and by some member of the crew besides the master.
7. Every entry made in an official log book in the manner provided by these rules shall be admissible in evidence.
8. Care must be taken whenever there is a change of master to see that documents handed over are up-to-date.
9. Entries must be made in order of date, and no blanks should be left.
10. If any entry in the Official Log relates in any way to a member of the crew the page number is to be entered against the man's name in the Official Log and Index.

### Entries required to be made in official log books

- (1) If any offence within the meaning of the Act of desertion or absence without leave or against discipline is committed or if any act of misconduct is committed for which the offender's agreement imposes fine and it is intended to enforce the fine:
  - (a) an entry of the offences or acts shall be made in the official log-book and signed by the master and one of the persons employed or engaged in any capacity on board of the mechanically propelled vessel;
  - (b) the offender shall be furnished with a copy of the entry and have the same read over distinctly and audibly to him and may there upon make such reply there to as he thinks fit;
  - (c) a statement to a copy of the entry having been so furnished and entry having been so read over and the reply, if any made by the offender shall likewise be entered and signed in the manner aforesaid;
  - (d) in any subsequent legal proceedings the entries by this section required shall, if practicable, be produced or proved, and in default of such production or proof, the court hearing the case may in its discretion refuse to receive evidence of the offence or act of misconduct.
- (2) Every case in which the crew has faced shortage of food or drinking water.
- (3) Every case in which a member of the crew is promoted to a higher grade of service with the date of such promotion, the grade and the rate of wages which the crew member is to receive.
- (4) in cases of illness, frequent entries (daily if possible) showing the progress and treatment of patient.
- (5) Every case of drunkenness or misconduct on the part of any member of crew whether the Master wishes the case to be investigated or not.
- (6) Every important accident or damage to ship or cargo.
- (7) Every conviction by a legal tribunal of a member of his crew and the punishment inflicted.
- (8) a report on the quality of work of each member of his crew; or a statement that the master declines to give an opinion thereon with a statement of his reasons for so declining.
- (9) Every case of illness, hurt or injury happening to a member of his crew with the nature thereof and the medical treatment adopted (if any).
- (10) Every case of death happening onboard and the cause thereof, together with such particulars.
- (11) Every birth happening on board, with the sex of the infant, the names of the parents and such other particulars.
- (12) The name of every crew member who ceases to be a member of the crew otherwise than by death, with the place, time, manner and cause thereof.
- (13) The wages due to any crew member who dies during the voyage and the gross amount of all deductions to be made there from.
- (14) The money or other property taken over of any crew member who dies during the voyage.
- (15) Any other matter which may be necessary for entry in the official logbook.

**Form No. 9 (Survey)****Application for Change of Name of the Vessel on Certificate of Survey**  
[see subrule (1) of rule 20]

Ref. No.:

Dated:

From

---



---



---

To,

The Chief Surveyor of Inland Vessels,

---

Sir,

Sub: Change of name of the vessel on Certificate of Survey No.: .....

I..... R/O .....being the owner/master of  
 Inland Vessel .....(name) bearing Official No..... hereby  
 request that the name of the vessel may be changed as..... (here enter the  
 new name). The certificate of survey No..... dated ..... in original and copy of  
 Certificate of Registration are enclosed herewith for making the change of name.

Signature

Name of owner/ master

Enclosures: as stated above.

**FORM No. 1 (Registration)**  
**[see subrule (4) & (10) of rule 5]**  
**BOOK OF REGISTRATION**

Registration Number: \_\_\_\_\_

Name of Vessel \_\_\_\_\_

Port of Registry \_\_\_\_\_ Year of Registry \_\_\_\_\_

Name of the Owner \_\_\_\_\_

Address of owner \_\_\_\_\_

\_\_\_\_\_

**DESCRIPTION OF INLAND VESSEL**

Type of Vessel Cargo or Passenger etc. \_\_\_\_\_ Category \_\_\_\_\_

Gross Tonnage \_\_\_\_\_

**PARTICULARS OF VESSELS**

Length overall \_\_\_\_\_

Breadth Extreme \_\_\_\_\_

Depth of underside of deck amid ships, at side \_\_\_\_\_

Builder Name and Address \_\_\_\_\_

Year of Built \_\_\_\_\_

Type of Hull wood, steel, etc. \_\_\_\_\_

Number of Decks \_\_\_\_\_

No. of Bulkheads \_\_\_\_\_

**TRANSACTION**

Name of person from whom title is derived

No. of shares affected

Date of and hour of Registry

**ENGINE**

Internal combustion engine No. \_\_\_\_\_

Description \_\_\_\_\_

No. offsets \_\_\_\_\_

Made by \_\_\_\_\_

Year of Make \_\_\_\_\_

No. of cylinders per set \_\_\_\_\_

Diameter of cylinder in inches \_\_\_\_\_

Stroke in inches \_\_\_\_\_

N.H.P. \_\_\_\_\_ B.H.P. \_\_\_\_\_ I.H.P. \_\_\_\_\_

### **PROPULSION**

Propeller Type: Single screw or twin screw or side quarter or Steerable Rudder propeller or Voith or Waterjet or OBM etc. \_\_\_\_\_

Revolution per minute (RPM) \_\_\_\_\_ Speed of Vessel \_\_\_\_\_

Propulsion geared or direct driven \_\_\_\_\_

Propulsion type: Oil engine or Electric or Battery or Solar or other (*strike off whichever is not relevant*)

### **REGISTERING AUTHORITY**

Date \_\_\_\_\_

### **SUBSEQUENT TO REGISTRATION**

Nature and Date of transaction

Name, residence and occupation

Number of transaction of transferee or mortgagee or other person acquiring title or power

**Form No. 2 (Registration)**  
**Application for Registration**

[see rule 4]

To,

**The Registering Authority,**

I,.....

Resident of.....being the Owner  
 or Master of an Inland Vessel .....hereby request that the said vessel be  
 registered at the.....I agree to pay such fees as may be payable under the rules.  
 Particulars in respect of the said Vessel are as under:-

1. Owner's name and address in full
2. Occupation
3. Name of Master and his Certificate No.
4. Name of Registry and No. if previously registered
5. When and how the vessel was secured
6. Kind of vessel, name and address of engine makers with horsepower, speed and the year of make.
7. Name and address of builders with place and year of built.
8. Details of Insurance Certificate
9. Enclosures -
  - a) A declaration by the owner that the provisions of the Act and the rules made thereunder have been complied with; certificate of survey or provisional certificate of survey;
  - b) Challan receipt evidencing payment of fees for the registration of the vessel;
  - c) Copy of the 3rd party insurance certificate of the vessel duly attested;
  - d) Builder's certificate for new vessels;
  - e) Instrument of sale (for second hand vessels);
  - f) Mortgage details; and
  - g) Declaration of Ownership.

Place:

Date:

Signature of the Owner or Master of the vessel

**Declaration of Ownership**  
[see clause (b) of subrule (1) of rule 5]

I/We \_\_\_\_\_

\_\_\_\_\_ residing permanently at \_\_\_\_\_

having original place of business at \_\_\_\_\_

do hereby declare that vessel named \_\_\_\_\_  
was built at \_\_\_\_\_  
in the year \_\_\_\_\_ and was purchased by me on \_\_\_\_\_  
for rupees \_\_\_\_\_

and wish to have the same registered in my name at the port of \_\_\_\_\_ and that I am the owner of the same .

**Signature of Owner**

Made and subscribed the \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_ by the  
Above named \_\_\_\_\_ in the presence of \_\_\_\_\_

**Signature of Magistrate or Notary Public or Registering Authority**

*Note: The declaration shall be made before a Magistrate or a Notary Public or a registering Authority.*

**Appointment of date and time of inspection of the Inland Vessel by the Registering Authority  
[see subrule (5) of rule 5]**

Dated:

Ref. No.:

To,

The Owner or Master on the Inland Vessel

---

---

Sir/Madam,

In acknowledging the receipt of your application for registration of the vessel named above under Inland Vessels Act, 2021, this is to state that Registering Authority or Surveyor shall proceed on board the vessel at \_\_\_\_\_ hours on \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

You are requested to afford to the Registering Authority or Surveyor all reasonable facilities for the registration of the Inland Vessel and all such information respecting the vessel as he may require for the purpose of registration.

Yours faithfully

Registering Authority  
Inland Vessels

**Carving and Marking Note****[see subrule (8) of rule 5]**

Dated:

Ref. No.:

To,

The Owner or Master of the Inland Vessel

---

---

Sir/Madam,

This has reference to your application for registration of the above named vessel and subsequent enquiry of the vessel conducted under rule 6 of these rules, you are advised to have the below enumerated marks carved on the vessel's hull under rule 9 of these rules:

Name of the Vessel:

Official No. \_\_\_\_\_

Port of Registry: \_\_\_\_\_ Year of Registry: \_\_\_\_\_

You are further advised to contact this office after the completion of requisite carving (which in no case shall be greater than fifteen days from the date of issue of this letter) for final inspection for the purpose of registering the vessel.

Please also be advised that you shall be required to surrender this carving note in original at the time of issuance of Certificate of Registration.

Yours faithfully,

**Registering Authority**

Inland Vessels

**Form No. 6 (Registration)**  
**Request/Application for registration of alteration**  
**[see subrule (3) of rule 9]**

To,  
The Registering Authority,

---

Sir/Madam,

I, being the owner of inland vessel named \_\_\_\_\_ Official No. \_\_\_\_\_ hereby report that the following alterations have been carried out on the vessel:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

I therefore, apply for registering the alterations or the issue of a fresh Registration Certificate. I enclose herewith a duplicate copy of treasury challan showing the deposit of the necessary fees.

I also enclose herewith the original certificate of Registration No.

Date\_\_\_\_\_

(SIGNATURE OF THE OWNER)

Alterations Verified by (Name and Signature of Surveyor)

Date:

**FORM No. 7 (Registration)**  
**Application for Transfer of Registry**  
**[see subrule (3) of rules 10 and subrule (2) of rule 11]**

To,  
Registering Authority

I, \_\_\_\_\_ resident of \_\_\_\_\_

being the owner of an Inland Vessel Name \_\_\_\_\_ official no. \_\_\_\_\_ hereby request that the registry of the said vessel may kindly be transferred to your register from the register of the Registering Authority of \_\_\_\_\_ in the state of \_\_\_\_\_

\_\_\_\_\_. The certificate of registration is enclosed herewith.

Treasury Challan for Rs. \_\_\_\_\_ is also enclosed.

Place \_\_\_\_\_

Date \_\_\_\_\_

SIGNATURE OF THE OWNER

**FORM No. (Registration)**  
**CERTIFICATE OF REGISTRATION**  
**[see subrule (1) of rule 6]**  
**PARTICULARS OF VESSEL**

Issued by..... [details of Registering Authority]

Official Number	Name of the Vessel	No. , Date and Port of Registry	No. , Date and Port of Previous Registry (if any)
Whether Indian or Foreign Built	Whether self-propelled Propulsion Type	Where Built	Name and address of Builders
Numbers of Decks Stem Stern Material Description Number of Bulkheads	Length Breadth to outside of plating Moulded Depth Length of engine – room (if any)	Metres	

**PARTICULARS OF PROPELLING ENGINES, & MACHINERY**, as supplied by Builders, Owners, or Engine Makers

No. of sets of Engines	Description of Engines	Whether Indian or Foreign made	When made	Name and address of Makers	Reciprocating Engines		Rotary Engines	B.H.P. Estimated Speed of Vessel
					No. of cylinders in each set	Diameter of cylinders	No. of Cylinders in each set	
No. of Shafts		Engines	Engines	Engines				
					Length of Stroke			
Particulars of Boilers								

Description.....			
Number.....			
Loaded			
pressure.....			

#### PARTICULARS OF TONNAGE

The tonnages of this vessel in accordance with India Tonnage Certificate are: -

GROSS TONNAGE ..... tons

NET TONNAGE ..... tons

A detailed summary of the tonnages for this vessel is shown on the Certificate of Survey

--

The Number of crew for whom accommodation is certified .....

I, the undersigned, Registering Authority at the Port of..... in ..... State here by certify that the Vessel the Description of which is prefixed to this my certificate, has been duly surveyed, and that the above Description is in accordance with the Register Book; that..... whose Certificate of Competency of Service is No....., is the Master of the said Vessel, and that the Name ..... Residence and Description of the Owner ..... and Number of Tenth Shares Held by are as follows :-

Name Residence and Occupation of the Owner	Number of Tenth Shares

Date at..... the .....day of Two thousand and .....

..... Registering Authority

*NOTICE: - A certificate of Registration is not a document of title. It does not necessarily contain notice of all changes of ownership, and in no case does it contain an official record of any mortgages affecting the Vessel. In case of any change of ownership it is important for the protection of the interests of all parties that the change should be registered according to law. Changes of ownership, address or other registered particulars should be notified to the Registering Authority. Should the Vessel be either actually or constructively lost, taken by the enemy, burnt or broken up or cease for any reason to be an Indian Vessel notice thereof, together with the certificate of registration if in existence, should immediately be given to the Registering Authority at the Port of Registry.*

**FORM No. 9 (Registration)**  
**Instrument creating Mortgage**

[see subrule (1) of rule 13]

Name of the Vessel \_\_\_\_\_ Official No. \_\_\_\_\_

Certificate of Registry No. \_\_\_\_\_ Place of Registry \_\_\_\_\_

Date of Registry \_\_\_\_\_

Description of the vessel (whether propelled by mechanical power):

\_\_\_\_\_ Horse power of Engine: .....

Hull (Length for identification.....)

**Equipment:**

Boats	Length	Breadth	Depth
No.1	.....	.....	.....
No.2	.....	.....	.....
No.3	.....	.....	.....

Gross Registered Tonnage \_\_\_\_\_ Net Registered Tonnage \_\_\_\_\_ and  
described in more detail in the certificate of survey and book of registry.

**I/We the undersigned (Full Name & Address with description of mortgager or mortgagors)**

in consideration of..... this day lent by **(Full name, address and  
Description of mortgagee. If joint mortgagees are concerned they shall be described, if the  
Mortgagee is a Company, the full title and address shall be given).**

**Me / Us** .....

do hereby for **Myself / ourselves** and **my / our** heirs, executors or administrators covenant with the said

**Firstly, that (Full Name & Address with description of mortgager or mortgagors) or my/**

**our** heirs, executors, or administrators, will pay to the said.....

the said sum of..... together with interest thereon at the rate of ..... percent,  
per annum on the **(Insert day fixed for Payment of Principal Amount)** day of..... next.

**Firstly, that (Full Name & Address with description of mortgager or mortgagors) or my/**  
**our** heirs, executors, or administrators, will pay to the said.....  
the said sum of..... together with interest thereon at the rate of ..... percent,  
per annum on the **(Insert day fixed for Payment of Principal Amount)** day of..... next.

**Secondly**, that if the said principal sum is not paid on the said day (**Full Name & Address with description of mortgager or mortgagors**) or **my/our** heirs, executors or administrators, will during as the same or any part thereof remains unpaid, pay to the said. ....interest on the whole or such part thereof as may for the time being remain unpaid, at the rate of \_\_\_\_ per cent per annum, by equal half-yearly payments on the .....day of .....and .....Day of .....in every year; and for better securing to the said .....the re-payment in manner aforesaid of the said principal sum and interest.

**I/We (Full Name & Address with description of mortgager or mortgagors)** hereby mortgage to the said.....shares of which the owner in the Inland vessel above particularly described, and in her boats, and appurtenances,

**Lastly, I/We** for **myself/ourselves** and **my/our** heirs, executors or administrators covenant with the said.....and his assigns that **I / We** have power to mortgage in manner aforesaid the above

Mentioned shares, and that the same are free from encumbrances (*If any prior encumbrances add, "save as appears by the book of registration of the said vessel"*).

In witness where of **I / We** have here unto subscribed **my / our** name and affixed (**full name and address with description of the mortgager or mortgagors**) seal this .....day of .....and Executed by the above **with description of the mortgager or mortgagors** seal this .....day of .....and Executed by the above named. In the presence of

Witness 1 (Name, Full Address and Signature, Seal) .....

Witness 2 (Name, Full Address and Signature, Seal) .....

**Mortgage (By Company or Body Corporate) (to secure principal sum and interest)**

Name of the Vessel \_\_\_\_\_ Official No. \_\_\_\_\_

Certificate of Registry No. \_\_\_\_\_ Place of Registry \_\_\_\_\_

Date of Registry \_\_\_\_\_

Description of the vessel (whether propelled wholly or in part by electricity, steam or other mechanical power): \_\_\_\_\_ Horse power of Engine: \_\_\_\_\_

Hull (Length for identification .....)

named. In the presence of

Witness 1 (Name, Full Address and Signature, Seal) .....

Witness 2 (Name, Full Address and Signature, Seal) .....

**Mortgage (By Company or Body Corporate) (to secure principal sum and interest)**

Name of the Vessel \_\_\_\_\_ Official No. \_\_\_\_\_

Certificate of Registry No. \_\_\_\_\_ Place of Registry \_\_\_\_\_

Date of Registry \_\_\_\_\_

Description of the vessel (whether propelled wholly or in part by electricity, steam or other mechanical power): \_\_\_\_\_ Horse power of Engine: \_\_\_\_\_

Hull (Length for identification .....)

**Equipment:**

Boats	Length	Breadth	Depth
No.1	.....	.....	.....
No.2	.....	.....	.....
No.3	.....	.....	.....

Gross Registered Tonnage \_\_\_\_\_ Net Registered Tonnage \_\_\_\_\_ and as described in more detail in the certificate of survey and book of registry.

We, (Name in full of Company together with its principal place of business) in consideration of..... this day lent to us by (Full name, address and description of mortgagee. If joint mortgagees are concerned they shall be described, if the mortgagee is a Company, the full title and address shall be given) do hereby for ourselves and our successors covenant with the said ..... and his / theirs / its assigns firstly, that we or our successors, will pay to the said.....or his/theirs/its assigns the said sum of.....together with interest thereon at the rate of per cent, per annum on the (Insert the day fixed for payment of principal) as above day of..... next; and

**Secondly**, that of the principal sum is not paid on the said day, we or our successors will, during such time as the same or any part thereof remains unpaid, pay to the said ..... or his/theirs/its assigns interest on the whole or such part thereof as may for the time being unpaid, at the rate of..... per cent, per annum, by equal half-yearly payments on the..... day of..... and day of..... in every year; and for better securing the said .....the repayment in manner aforesaid of the said principal sum and interest we hereby mortgage to the said..... share/shares of which we are the Owners in the vessel above particularly described and in her boats and appurtenances.

**Lastly**, we for ourselves and our successors covenant with the said .....and his / theirs/its assigns that we have power to mortgage in manner aforesaid the above mentioned shares and that the same are free from encumbrances.(If any prior encumbrances add, “save as appears by the book of registration of the said vessel.”)

In witness whereof we have hereunto affixed our common seal this.....day of..... and the common seal of the..... was affixed hereunto in the presence of.....

(Description of  
witnesses, Directors, Secretary as the case maybe)

**FORM No. 1 (Manning)****Medical Certificate for appearing in Certificate of Competency**

[see clause (c) of subrule (1) of rule 8, clause (c) of subrule (1) of rule 9, clause (c) of subrule (1) of rule 10, clause (c) of subrule (1) of rule 15, clause (c) of subrule (1) of rule 16, clause (c) of rule 17, clause (d) of subrule (1) of rule 19]

(To be filled in by Inland Waterways Authority of India empanelled MBBS medical practitioner or medical officer of district government health centre or municipality approved doctor.

1. Name of applicant:
2. Type of ID and Number
3. Identification Marks (1)  
(2)
4. (a) Does the applicant to the best of your Judgment suffer from any defect of vision? Yes/No  
If so, has it been corrected by suitable spectacle? Yes/No
- (b) Can the applicant to the best of your judgment readily distinguish the pigmentary colours, red and green? Yes/No
- (c) In your opinion is he able to distinguish with his eyesight At a distance of 25 meters in good day light? Yes/No
- (d) In your opinion does the applicant suffer from a degree of Deafness which would prevent his hearing, the ordinary sound signals? Yes/No
- (e) In the opinion does the applicant suffer from night blindness? Or deformity or lose of number which would interfere with The efficient performance of his duties as a driver? Yes/No

If so, give your reasons in details:

I certify that I have personally examined the applicant..... I also certify that while examining the applicant I have directed special attention to the distant vision and hearing ability the condition of the arms, legs, heads, hand joints of both extremities of the candidate and to the best of my judgment he is medically fit/not fit to hold a driving licence.

The applicant is not medically fit to hold a licence for the following reasons:-

Signature

1. Name and designation of the Medical Officer/Practitioner (Seal)
2. Registration Number of Medical Officer

Date:

Signature or thumb impression of the Candidate

Note: The Medical Officer shall affix his signature over the Photograph affixed in such a manner that part of his signature is upon the photograph and part on the certificate.

**FORM No.2****(Manning) Certificate of Service****[see subrule (1) of rule 13]**

No. :

Name :

Son/wife/daughter of :

Permanent Address :

Present Address :

Date of Birth :

Height :

Marks of identification (1)

(2)

PHOTO

Signature or Left Thumb Impression

Based on assessment of your service record in Army / Navy/ Coast Guard, your medical fitness certificate and the preparatory course for \_\_\_\_\_ together with the 4 basic safety course certificates, you have been found duly qualified to fulfil the duties of a \_\_\_\_\_ (Master/Serang/Engineer/First class Engine Driver/Second class Engine Driver) on an Inland mechanically propelled Vessel \_\_\_\_\_ (limitations, if any), I do hereby under the provisions of the rules issued under Inland Vessels Rules, 2022 grant you the certificate of competency as a \_\_\_\_\_ (First class Master/Second class Master/Serang/Engineer/First class Engine Driver/Second class Engine Driver/ Lascar) on an inland mechanically propelled vessel (limitations, if any).

Date.....

Place.....

Name and signature of Chief Examiner

**FORM No. 3 (Manning)****Application Form for appearing in Certificate of Competency****[see subrule (2) of rule 7 and subrule (2) of rule 14]**

APPLICATION FOR CERTIFICATE OF COMPETENCY TO ACT AS ENGINEER/ ENGINE DRIVER/ SERANG/ MASTER OF AN INLAND VESSEL.

Note:-The applicant shall submit this form duly filled in along with the necessary certificates to the examination centre for permission to appear in the examination.

**PART-A**

## Personal particulars

(1) Name in full	:-
(2) Surname	:-
(3) Nationality	:-
(4) Permanent Address	:-
(5) Date of birth	:-
(6) Place of birth	:-

Passport size  
photograph of  
the applicant

**PART-B**

## Particulars of all previous certificates (if any)

(1) Number	:-
(2) Competency of service	:-
(3) Grade	:-
(4) Where issued	:-
(5) Date of issue	:-
(6) Is the certificate at any time suspended or cancelled by court or authority (if yes, provide details)	
.....	
.....	

**PART-C**

## Certificate now required

(1) Grade	:-
(2) Competency	:-

**PART-D**

HAVE YOU APPEARED FOR THIS EXAMINATION EARLIER? Yes/No.

If yes, mention year & month.

**PART-E**

## Declaration to be made by applicant:

Note: Any person who makes, procures to be made or assists in making any false representation for the purpose of obtaining for himself, or any other person, a certificate either of competency or service, is for each offence liable to be punished for cheating under section 420 of the Indian Penal Code and also for knowingly giving false information to the public servant under section 182 of the Indian Penal Code, 1860.

**DECLARATION**

I do hereby declare that the particulars contained in Part A, B, C, D and E of this form are correct and true to the best of my knowledge and belief, and that the papers enumerated in Part-G and sent with this form are true and genuine documents, given and signed by the persons whose names appear on them, I further declare that the statement in

Part-G contains true and correct account of the whole of my services without exception.

Date.....

Signature of the Applicant

Present Address.....

#### **PART-F**

##### **CERTIFICATE OF THE EXAMINER**

The declaration under Part-E above was signed in my presence and the fee of Rs..... received.

Date:

Examiner

#### **PART-G**

##### **LIST OF TESTIMONIALS AND STATEMENT OF SERVICE ON RIVERS OR SHORE OR SEA**

1. If served on board vessel
  - (i) No. of testimonials or certificates(if any):-
  - (ii) Name of vessel where employed:-
  - (iii) Horse power of the engine on which worked:-
  - (iv) Port of registry and official no. of the vessel:-
2. Service particulars of the Applicant:
  - (i) Capacity:-
  - (ii) Date of appointment
  - (iii) Date of termination or leaving
  - (iv) State, if continuing
  - (v) Total period served
    - a) Years:
    - b) Months:
    - c) Days:
  - (vi) Total service
  - (vii) Total service on shore or river:
  - (viii) Period served for which certificates are now produced:-
  - (ix) Period served for which no certificates are produced:-

#### **PART-H**

##### **CERTIFICATEOFTHEEXAMINER**

Note:- The examiner should fill up Part-H and I and forward this form to the Chief Examiner along with the testimonials and other certificates.

1. Date and place of examination
2. Insert passed or failed against each item below:
  - (i) In written examination:
  - (ii) In the viva examination:
3. Rank for which passed:

#### **PART-I**

##### **PERSONAL DESCRIPTION OF APPLICANT**

1. Height:
 

Meters	Centimeters
--------	-------------
2. Complexion:

3. Personal marks or peculiarities, if any,

4. Colour of

(a) Hair:-

(b) Eyes:-

I hereby certify that the particulars contained in Part-H and Part-I are correct.

Date.....

Place.....

## Form 27 - COC Licence Booklet Formats - Serang

Form No 27

**GOVERNMENT OF .....****Certificate of Competency (CoS)****as****SERANG****OF AN INLAND VESSEL UNDER I.V. ACT 2021****CoC/CoS No. .....**State Govt.  
LOGO

01

**ADDRESS OF ISSUING AUTHORITY**

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**CONTACT NO:.....**

CoC/CoS No. ....

Form: 27

To,

.....

Whereas on the verification of testimonials submitted by you as per section 38 of Inland Vessel Act 2021, you have been found duly qualified to serve Serang on mechanically propelled inland vessel, I do hereby, in pursuance of section 38 of the said Act, grant you this certificate of competency as Serang of an Inland Vessel.

Issued this ...../...../.....

Valid till ...../...../.....

This CoC/CoS is valid throughout India unless additional competency requirements specified by a state. The compliance of the additional competence to be endorsed on page 9/10.

Sign & Stamp  
(Examining Authority)

02

Sign & Stamp  
(Issuing Authority)

Signature of the Candidate

Date of Birth: ...../...../.....

Place of Birth: .....

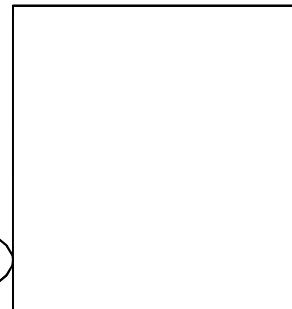
Address: .....

.....

.....

Examination Passed at: ..... on .....

INDIVC No: .....



Details of previous certificate of Competency (CoC/CoS)

**LIMITATIONS (IF ANY)**

CoC/CoS No: ..... Grade: .....

Date of Issue: ..... / ..... / .....

Delivered at: ..... on .....

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Name & Signature of duly Authorised official

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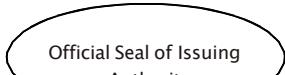
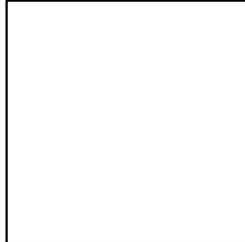
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ENDORSEMENT (SPECIAL VESSEL)

ENDORSEMENT (SPECIAL VESSEL)

The validity of this certificate is extended until .....

Date of revalidation: .....

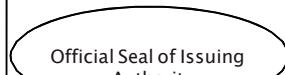
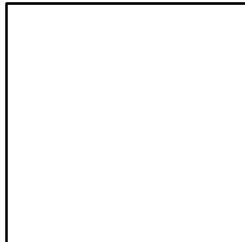


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Signature of the Candidate

The validity of this certificate is extended until .....

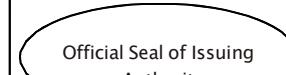
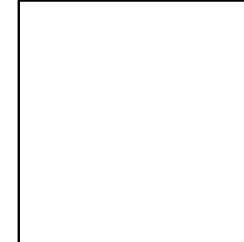
Date of revalidation: .....



Signature of the Candidate

The validity of this certificate is extended until .....

Date of revalidation: .....

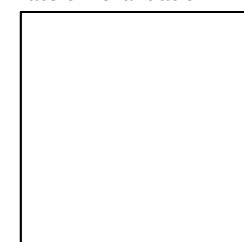


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Signature of the Candidate

The validity of this certificate is extended until .....

Date of revalidation: .....



Signature of the Candidate

ADDITIONAL COMPETENCE SPECIFIC TO NAVIGATION AREA

1.

---

2.

ADDITIONAL COMPETENCE SPECIFIC TO NAVIGATION AREA

3.

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4.

ADDITIONAL COMPETENCE SPECIFIC TO NAVIGATION AREA

## NOTES

5.

- Any Serang of Inland vessel who fails to handover the certificate which has been cancelled or suspended is liable to penalty up to Rs. 5000/- (Five Thousand) only.
- Any Person other than the holder of this certificate who comes in possession of this Certificate is required to inform it forthwith to the issuing authority.

---

6.

## Form 28 - COC Licence Booklet Formats - Second Class Master

Form No 28

**GOVERNMENT OF .....****Certificate of Competency (CoS)****as****SECOND CLASS MASTER****OF AN INLAND VESSEL UNDER I.V. ACT 2021****CoC/CoS No. .....**State Govt.  
LOGO**ADDRESS OF ISSUING AUTHORITY**

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**CONTACT NO:.....**

CoC/CoS No. ....

Form: 28

To,

.....

Whereas on the verification of testimonials submitted by you as per section 38 of Inland Vessel Act 2021, you have been found duly qualified to serve Second Class Master on mechanically propelled inland vessel, I do hereby, in pursuance of section 38 of the said Act, grant you this certificate of competency as Second Class Master of an Inland Vessel.

Issued this ...../...../.....

Valid till ...../...../.....

This CoC/CoS is valid throughout India unless additional competency requirements specified by a state. The compliance of the additional competence to be endorsed on page 9/10.

Sign & Stamp  
(Examining Authority)

Sign & Stamp  
(Issuing Authority)

Date of Birth: ...../...../.....

Place of Birth: .....

Address: .....

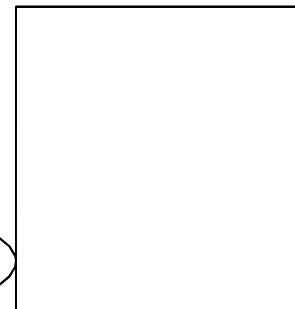
.....

.....

Examination Passed at: ..... on .....

INDIVC No: .....

Official Seal of Issuing  
Authority



Signature of the Candidate

Details of previous certificate of Competency (CoC/CoS)

**LIMITATIONS (IF ANY)**

CoC/CoS No: ..... Grade: .....

Date of Issue: ..... / ..... / .....

Delivered at: ..... on .....

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Name & Signature of duly Authorised official

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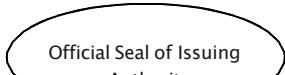
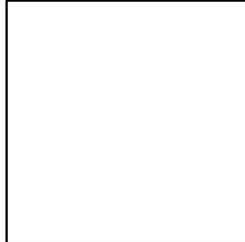
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ENDORSEMENT (SPECIAL VESSEL)

ENDORSEMENT (SPECIAL VESSEL)

The validity of this certificate is extended until .....

Date of revalidation: .....

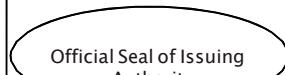
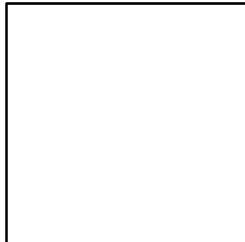


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Signature of the Candidate

The validity of this certificate is extended until .....

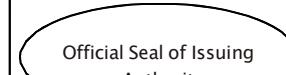
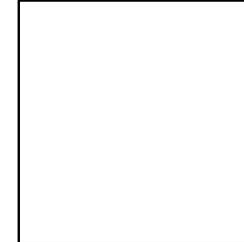
Date of revalidation: .....



Signature of the Candidate

The validity of this certificate is extended until .....

Date of revalidation: .....

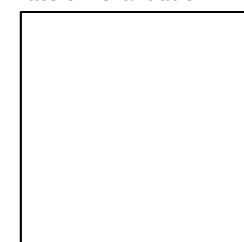


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Signature of the Candidate

The validity of this certificate is extended until .....

Date of revalidation: .....



Signature of the Candidate

ADDITIONAL COMPETENCE SPECIFIC TO NAVIGATION AREA

1.

---

2.

ADDITIONAL COMPETENCE SPECIFIC TO NAVIGATION AREA

3.

---

4.

ADDITIONAL COMPETENCE SPECIFIC TO NAVIGATION AREA

## NOTES

5.

- Any Second Class Master of Inland vessel who fails to handover the certificate which has been cancelled or suspended is liable to penalty up to Rs. 5000/- (Five Thousand) only.
- Any Person other than the holder of this certificate who comes in possession of this Certificate is required to inform it forthwith to the issuing authority.

---

6.

## Form 29 - COC Licence Booklet Formats - First Class Master

Form No 29

**GOVERNMENT OF .....****Certificate of Competency (CoS)****as****FIRST CLASS MASTER****OF AN INLAND VESSEL UNDER I.V. ACT 2021****CoC/CoS No. ....**State Govt.  
LOGO**ADDRESS OF ISSUING AUTHORITY**

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**CONTACT NO:.....**

CoC/CoS No. ....

Form: 29

To,

.....

Whereas on the verification of testimonials submitted by you as per section 38 of Inland Vessel Act 2021, you have been found duly qualified to serve First Class Master on mechanically propelled inland vessel, I do hereby, in pursuance of section 38 of the said Act, grant you this certificate of competency as First Class Master of an Inland Vessel.

Issued this ...../...../.....

Valid till ...../...../.....

This CoC/CoS is valid throughout India unless additional competency requirements specified by a state. The compliance of the additional competence to be endorsed on page 9/10.

Sign & Stamp  
(Examining Authority)

Sign & Stamp  
(Issuing Authority)

Date of Birth: ...../...../.....

Place of Birth: .....

Address: .....

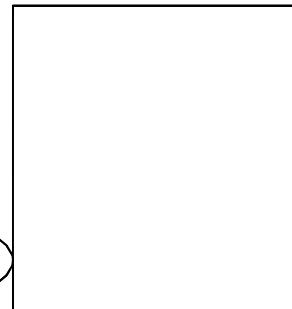
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.....

Examination Passed at: ..... on .....

INDIVC No: .....

Official Seal of Issuing  
Authority

Signature of the Candidate

Details of previous certificate of Competency (CoC/CoS)

**LIMITATIONS (IF ANY)**

CoC/CoS No: ..... Grade: .....

Date of Issue: ..... / ..... / .....

Delivered at: ..... on .....

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Name & Signature of duly Authorised official

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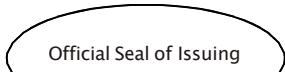
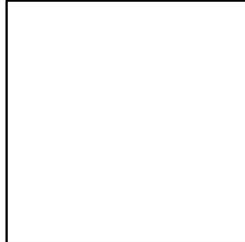
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ENDORSEMENT (SPECIAL VESSEL)

ENDORSEMENT (SPECIAL VESSEL)

The validity of this certificate is extended until .....

Date of revalidation: .....

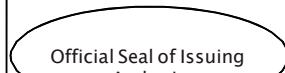
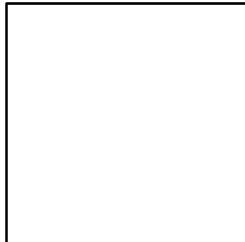


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Signature of the Candidate

The validity of this certificate is extended until .....

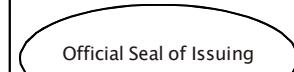
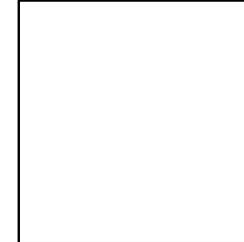
Date of revalidation: .....



Signature of the Candidate

The validity of this certificate is extended until .....

Date of revalidation: .....

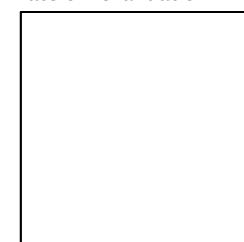


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Signature of the Candidate

The validity of this certificate is extended until .....

Date of revalidation: .....



Signature of the Candidate

ADDITIONAL COMPETENCE SPECIFIC TO NAVIGATION AREA

1.

---

2.

ADDITIONAL COMPETENCE SPECIFIC TO NAVIGATION AREA

3.

---

4.

ADDITIONAL COMPETENCE SPECIFIC TO NAVIGATION AREA

## NOTES

5.

- Any First Class Master of Inland vessel who fails to handover the certificate which has been cancelled or suspended is liable to penalty up to Rs. 5000/- (Five Thousand) only.
- Any Person other than the holder of this certificate who comes in possession of this Certificate is required to inform it forthwith to the issuing authority.

---

6.

## Form 30 - COC Licence Booklet Formats - Second Class Engine Driver

Form No 30

**GOVERNMENT OF .....****Certificate of Competency (CoS)****as****SECOND CLASS ENGINE DRIVER****OF AN INLAND VESSEL UNDER I.V. ACT 2021****CoC/CoS No. .....**State Govt.  
LOGO**ADDRESS OF ISSUING AUTHORITY**

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**CONTACT NO:.....**

CoC/CoS No. ....

Form: 30

To,

.....

Whereas on the verification of testimonials submitted by you as per section 38 of Inland Vessel Act 2021, you have been found duly qualified to serve Second Class Engine Driver on mechanically propelled inland vessel, I do hereby, in pursuance of section 38 of the said Act, grant you this certificate of competency as Second Class Engine Driver of an Inland Vessel.

Issued this ...../...../.....

Valid till ...../...../.....

This CoC/CoS is valid throughout India.

Date of Birth: ...../...../.....

Place of Birth: .....

Address: .....

.....

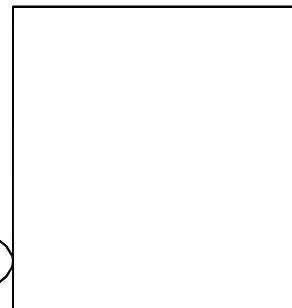
.....

Examination Passed at: ..... on .....

INDIVC No: .....



Official Seal of Issuing Authority



Sign & Stamp  
(Examining Authority)

02

Sign & Stamp  
(Issuing Authority)

Signature of the Candidate

03

Details of previous certificate of Competency (CoC/CoS)

**LIMITATIONS (IF ANY)**

CoC/CoS No: ..... Grade: .....

Date of Issue: ..... / ..... / .....

Delivered at: ..... on .....

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Name & Signature of duly Authorised official

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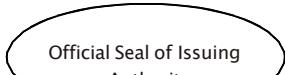
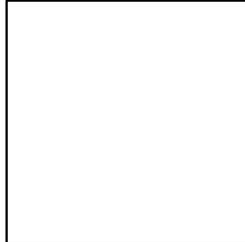
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ENDORSEMENT (SPECIAL VESSEL)

ENDORSEMENT (SPECIAL VESSEL)

The validity of this certificate is extended until .....

Date of revalidation: .....

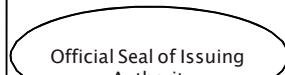
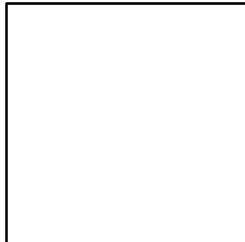


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Signature of the Candidate

The validity of this certificate is extended until .....

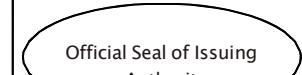
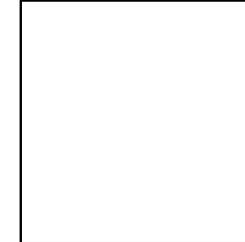
Date of revalidation: .....



Signature of the Candidate

The validity of this certificate is extended until .....

Date of revalidation: .....

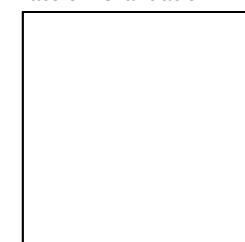


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Signature of the Candidate

The validity of this certificate is extended until .....

Date of revalidation: .....



Signature of the Candidate

## NOTES

- Any Second Class Engine Driver of Inland vessel who fails to handover the certificate which has been cancelled or suspended is liable to penalty up to Rs. 5000/- (five thousand) only.
- Any Person other than the holder of this certificate who comes in possession of this Certificate is required to inform it forthwith to the issuing authority.

Form No 31

**GOVERNMENT OF .....****Certificate of Competency (CoS)****as****FIRST CLASS ENGINE DRIVER****OF AN INLAND VESSEL UNDER I.V. ACT 2021****CoC/CoS No. .....**State Govt.  
LOGO**ADDRESS OF ISSUING AUTHORITY**

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.....

**CONTACT NO:.....**

CoC/CoS No. ....

Form: 31

To,

.....

Whereas on the verification of testimonials submitted by you as per section 38 of Inland Vessel Act 2021, you have been found duly qualified to serve First Class Engine Driver on mechanically propelled inland vessel, I do hereby, in pursuance of section 38 of the said Act, grant you this certificate of competency as First Class Engine Driver of an Inland Vessel.

Issued this ...../...../.....

Valid till ...../...../.....

This CoC/CoS is valid throughout India.

Sign & Stamp  
(Examining Authority)

02

Sign & Stamp  
(Issuing Authority)

Signature of the Candidate

03

Date of Birth: ...../...../.....

Place of Birth: .....

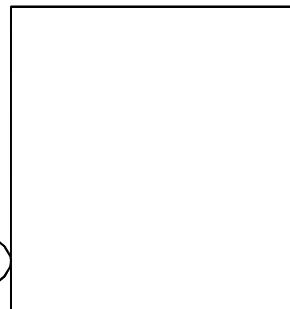
Address: .....

.....

.....

Examination Passed at: ..... on .....

INDIVC No: .....



Details of previous certificate of Competency (CoC/CoS)

**LIMITATIONS (IF ANY)**

CoC/CoS No: ..... Grade: .....

Date of Issue: ..... / ..... / .....

Delivered at: ..... on .....

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Name & Signature of duly Authorised official

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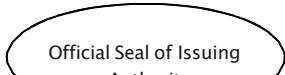
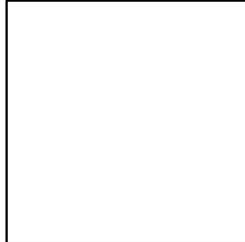
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ENDORSEMENT (SPECIAL VESSEL)

ENDORSEMENT (SPECIAL VESSEL)

The validity of this certificate is extended until .....

Date of revalidation: .....

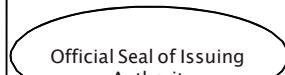
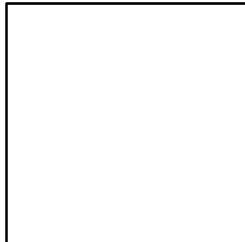


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Signature of the Candidate

The validity of this certificate is extended until .....

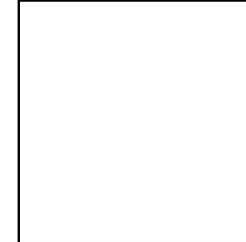
Date of revalidation: .....



Signature of the Candidate

The validity of this certificate is extended until .....

Date of revalidation: .....

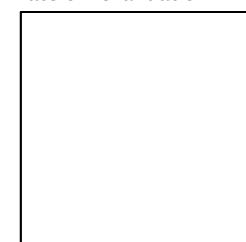


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Signature of the Candidate

The validity of this certificate is extended until .....

Date of revalidation: .....



Signature of the Candidate

## NOTES

- Any First Class Engine Driver of Inland vessel who fails to handover the certificate which has been cancelled or suspended is liable to penalty up to Rs. 5000/- (five thousand) only.
- Any Person other than the holder of this certificate who comes in possession of this Certificate is required to inform it forthwith to the issuing authority.

Form No 32

**GOVERNMENT OF .....****Certificate of Competency (CoS)****as****INLAND VESSEL ENGINEER****OF AN INLAND VESSEL UNDER I.V. ACT 2021****CoC/CoS No. .....**State Govt.  
LOGO

01

**ADDRESS OF ISSUING AUTHORITY**

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**CONTACT NO:.....**

11

CoC/CoS No. ....

Form: 32

To,

.....

Whereas on the verification of testimonials submitted by you as per section 38 of Inland Vessel Act 2021, you have been found duly qualified to serve Inland Vessel Engineer on mechanically propelled inland vessel, I do hereby, in pursuance of section 38 of the said Act, grant you this certificate of competency as Inland Vessel Engineer of an Inland Vessel.

Issued this ...../...../.....

Valid till ...../...../.....

This CoC/CoS is valid throughout India.

Date of Birth: ...../...../.....

Place of Birth: .....

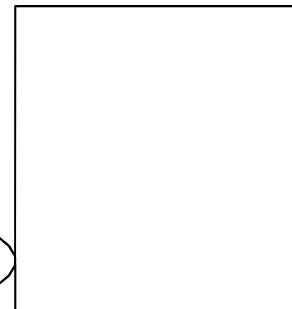
Address: .....

.....

.....

Examination Passed at: ..... on .....

INDIVC No: .....



Official Seal of Issuing  
Authority

Sign & Stamp  
(Examining Authority)

02

Sign & Stamp  
(Issuing Authority)

Signature of the Candidate

03

Details of previous certificate of Competency (CoC/CoS)

**LIMITATIONS (IF ANY)**

CoC/CoS No: ..... Grade: .....

Date of Issue: ..... / ..... / .....

Delivered at: ..... on .....

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Name & Signature of duly Authorised official

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ENDORSEMENT (SPECIAL VESSEL)

ENDORSEMENT (SPECIAL VESSEL)

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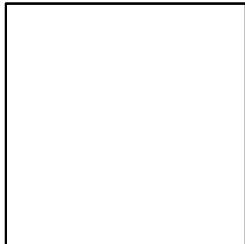
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The validity of this certificate is extended until .....

Date of revalidation: .....

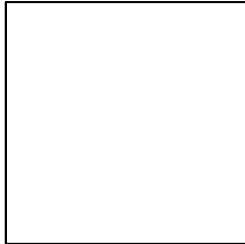


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Signature of the Candidate

The validity of this certificate is extended until .....

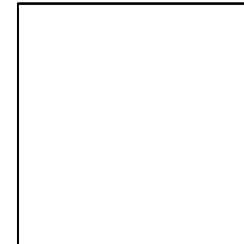
Date of revalidation: .....



Signature of the Candidate

The validity of this certificate is extended until .....

Date of revalidation: .....

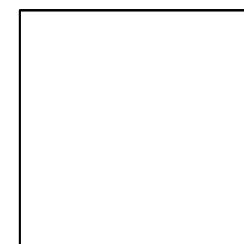


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Signature of the Candidate

The validity of this certificate is extended until .....

Date of revalidation: .....



Signature of the Candidate

## NOTES

- Any Inland Vessel Engineer of Inland vessel who fails to handover the certificate which has been cancelled or suspended is liable to penalty up to Rs. 5000/- (five thousand) only.
- Any Person other than the holder of this certificate who comes in possession of this Certificate is required to inform it forthwith to the issuing authority.

**Form No. 1 (Insurance)****COVER NOTE**

[see subrule (1) of rule 5]

1. Vessel identification number or marks, and description of the vessel's identity or nature including
2. Nature, type or class of insurance
3. Mark of the vessel
4. Registration number
5. Type of vessel
6. Eligibility to ply in any particular area – [Zone 1 / Zone 2 / Zone 3]
7. Name and address of the insured/owner(s).
8. Details of ownership [Registered owners or owners or Joint ownership or Authority or Describing shares]
9. Effective date and time of commencement of insurance for the purpose of this Act.
10. Date of expiry of insurance .

This is to certify that this Cover note is issued in accordance with the Inland Vessels Act [2021] and the Rules made thereunder.

Further, the insured is hereby indemnified against the following risks —

1. ....
2. ....

This document shall remain valid till the Master policy is issued or thirty days, whichever earlier, after which this document is terminated automatically.

**Authorised Signatory****Date of Issue**

**CERTIFICATE OF INSURANCE**

[see subrule (2) of rule 6]

1. Name and Address of the Insurer.
2. Name of the Vessel.
3. Vessel identification number or marks, and description of the vessels .
4. Identity or nature including .
5. Registration number.
6. Type of vessel.
7. Eligibility to ply in any particular area – [Zone 1 / Zone 2 / Zone 3 ].
8. Details ownership or registered ownership or Joint ownership or Authority or shares.
9. Name and address of the insured or owner(s).
10. Validity of Insurance or Time Period.
11. Effective date and time of commencement of insurance.
12. Date of expiry of insurance.
13. Sum or Liability insured with deductibles.
14. Conditions of coverage or Special conditions or Warranty.
15. Prohibitions.
16. Procedure to raise claim.
17. Contact information.
18. Dispute resolution.

**Dated** --/--/----**Signed On Behalf Of****Designation**

**REPORT BY ANY PERSON FINDING THE WRECK**

[see subrule (1) of rule 36]

1. Name and Address of the Informant:
  - (a) In case of Company (name, address, official seal, etc.)
  - (b) In case of Firm (name, address, official number etc.)
2. Designation of the informant: (details of director or partner)
3. Vessel Identification Number or Marks and Description of Vessel:
4. Name, official number, registration number and port of registry of vessel:
  - (a) Inland vessel registered under the Act
  - (b) Inland vessel registered in a foreign country
  - (c) Vessel registered under the Merchant Shipping Act, 1958
5. Details of Registered Owner, Operator and Charterer of the Vessel:
6. Date of finding the vessel, parts, property or cargo:
7. Details of parts, property or cargo of vessel:
8. Name and details of the Receiver of wreck:
9. Place where the vessel, parts, property or cargo was found:
  - a. Inland waters
  - b. National waterways
10. Particulars of the vessel, parts, property or cargo found:
11. Description
12. Estimated value
13. Information of wreck passed by the Receiver of wreck to the authorities:
14. Designated authority or such other authority under the State Government.
15. Competent authority or such other authority under the Central Government.
16. Principal officer of the Mercantile Marine Departments
17. Information of wreck to be informed to the insurer or their agents:

I/We \_\_\_\_\_ do hereby affirm to the details as mentioned above with regard to the wreck that took place on \_\_\_\_\_ at \_\_\_\_\_ for the purposes of Chapter X of the Inland Vessel Act, 2021 and the rules made thereunder.

Date:

Signature of Informant

Place:

Designation and Details of Informant/Company/Firm

**Form No. 4 (Insurance)****OBSTRUCTION TO NAVIGATION**  
[see subrule(6) of rule 39]

1. Name and address of informant:
2. Name and port of registry of the vessel:
  - (a) Registered under the Act-
  - (b) Foreign Vessel-
  - (c) Registered under the Merchant Shipping Act, 1958 or any other law in force-
3. Particulars of obstruction:
  - (a) Nature and size of obstruction-
  - (b) Nature of danger to navigation-
  - (c) Objects causing obstruction-
4. Name and port of derelict or sunken wreck, if known, and if not known, any particulars, leading to its identification:
5. Description of the wreckage and any marks:
6. Date and time when the wreckage, wreck was last seen and date and time of report made, if any:
7. If sunken wreck, the exact spot in which the vessel is lying:
8. In case of floating wreckage, the place where last seen, and the direction in which drifting:
9. Whether the derelict was boarded by the informant or any of his crew.
10. Whether the vessel was broken:
11. Whether the vessel was waterlogged:
12. Whether vessel had capsized:
13. Did the vessel be into collision:
14. Nature and description of vessel cargo:
15. Date of making this report:
16. Date of informing the insurer or their agents:

I \_\_\_\_\_ (details of Receiver of wreck) do hereby affirm to the details as mentioned above with regard to the wreck that took place on \_\_\_\_\_ at \_\_\_\_\_ for the purposes of Chapter X of the Inland Vessel Act, 2021, and the Rules made thereunder.

Date:

Signature of Receiver of Wreck

Place:

Designation and Details of Receiver of Wreck

**Form No.1 (Challan for Detention)**  
**Challan form for Suspension or Detention**

Reporting Office: IWT Odisha

.....  
.....  
.....

Head Office,

.....  
.....

Odisha 751001, India

Fax

Email:

Website:

Name of Vessel	Registry/ Official No	Place of Registration	Present Location	Name of Owner and Master with COC No.

This is to inform you that, vessel as mentioned above was inspected on dated ..... and was found to have the following defects and punishable with offence, penalties are mentioned in Schedule V should be payable in Department, Head of Account and rectify or at earliest to carry out the operation.

a) plying or being used in inland waters without a valid certificate of registration;	
b) plying without a valid certificate of survey;	
c) plying with passengers beyond the permitted carrying capacity;	
d) to have not affixed the registration number assigned to such vessels as provided under the Act;	
e) not complying with the manning requirements under Chapter VI of the Act;	
f) not complying with the provisions of Chapter VIII (Navigation Safety and Signals) of the Act;	
g) to act in contravention to the provisions of Chapter X (Wreck and Salvage) of the Act;	
h) not in compliance with the provisions of Chapter XII (Insurance of Mechanically Propelled Vessels Plying in Inland Waters) of the Act;	
i) to carry dangerous goods or prohibited goods in contravention to the provisions of section 81 of the Act or the rules made thereunder.	

\*Note: to tick if applicable

You are hereby notified to pay the penalties and rectify the said defect within 15 days and inform the undersigned / designated authority. Till the time, the vessel is detained under the custody and security of the owner.

Name:

Owner / Incharge of vessel:

Signature:

Name:

Designation:

Signature:

Copy to

1. Designated Authority / Director, Ports and Inland Water Transport, Odisha
2. Owners / Agent / Incharge of the vessel
3. Inland Waterways Authority of India
4. Inland Water Transport, if in Other State
5. Local Police Station

**Form No. 2 (Prevention of Pollution)**

[See subrule (2) of rule 5]

**Certificate of compliance for prevention and containment of pollution**

Certificate/Serial number-----

**Name and address of the Issuing Authority:**

This is to certify that the Inland vessel (Name and Official Number of the inland vessel) has been inspected to verify the compliance of the relevant provisions of the Inland Vessels (Prevention and Containment of Pollution) Rules, 2022 with respect to equipment, material, containment and treatment facilities. The Inland vessel demonstrates the compliance of stated provisions and therefore Certificate of compliance or conformity is now issued to the subject Inland vessel. The validity of this Certificate of compliance expires on ..... from the date of issue, but not later than a period of one year subject to the conditions stated below:

1. Prevention of pollution of inland water shall always be given priority over other operations.
2. Any incidents of oil pollution or chemical spillage affecting the inland waterways or port shall be notified to the Designated authority and to the jurisdictional pollution control boards constituted under the Environment Protection Act, 1986 (29 of 1986) or such other authorities who are required to be informed, by virtue of any other law in force in India.
3. Any incident of casualty with respect to pollution affecting the inland waterways or port operations shall be notified to the Designated authority.
4. Any malfunction or defect in oily water equipment affecting prevention of pollution of inland waters shall be notified to the Designated authority.
5. Any alteration/modification carried out to the inland vessel shall be immediately reported to the Designated Authority for the purpose of conducting review in respect of any additional requirements.

The date of verification of compliance is.....

Place of Issue:.....

Date of Issue:.....

(Seal or stamp of Issuing authority, as appropriate).

**Annual Endorsements:**

- 1.
- 2.
- 3.
- 4.

**[Letterhead: Odisha Directorate of Ports and IWT]****Notice for Suspension of Certificate of Survey***(section 15(2) of the I.V. Act 2021)*Notice Number: *[Unique Notice Number]*

Date of Issue: .....

Vessel....., was inspected in accordance with the provisions of Inland Vessel Act,2021 by the surveyors, authorised officers from this department on.....at ..... The inspection team has reported deficiencies as per section 15(1) of Inland Vessel Act, 2021 and Odisha Inland Vessel Rules, 2024, as amended. •

In exercise of powers vested under section 15 (2) of the Act the Notice for Suspension of Certificate of Survey is hereby issued on ..... and it is required that the errors and conditions detailed herein are complied with in three months from the date of issuance of this notice. Non-compliance of this notice of suspension will lead to the cancellation of certificate of survey,

Name.....

Signature.....

Date.....

**NOTE: - The Master, owner or construction yard of the vessel has the "right of appeal" against this order within 30 days.**

<b>Owner/Operator Details</b>				
1.	Name of Ship Owner/Operator:			
2.	Address:			
3.	Contact Information:	Phone No.	Email id	
<b>Vessel Details</b>				
4.	Name of the Vessel:			
5.	Official Number:		6. Port of Registry:	
7.	Type/Category of Vessel:		8. Gross Tonnage:	
<b>Certificate of Survey Details</b>				
9.	Certificate Number			
10	Date of Issue		11. Expiry Date	
<b>Reason for Suspension</b> (Detailed reasons for the suspension, including any violations, deficiencies, or non-compliance issues identified)				
<b>Corrections Required</b> (Actions or corrections required for reinstatement of the Certificate of Survey) by.....				

Failure to comply with the conditions and actions outlined above by the stated deadline may result in further enforcement actions, including but not limited to:

- a) **Cancelation of the Certificate**
- b) **Fines and Penalties**
- c) **Detention of the Vessel**

### **Appeal Process**

APPELLATE AUTHORITY: Director, Ports and IWT

If you wish to appeal this decision, you may submit a written appeal within 30 days from the date of this notice

### **Issued by:**

[Name of Authorized Officer]

[Title]

[Signature and stamp]

[Date]

**Request for Duplicate Certificate of Survey**

*(section 26(1) of the Inland Vessel Act 2021)*

Reference: ..... Date of Issue: .....

To,

The Registrar,

.....

.....

Sir,

The Certificate of Registration of my/our inland vessel, the Registration Mark of which is .....  
has been lost/destroyed/completely written-off/soiled/torn/mutilated in the following circumstances.

.....

.....

I/We hereby declare that to the best of my/our knowledge the registration of the vessel has not been suspended or cancelled under the provisions of the Act or rules made thereunder and the circumstances explained above are true.

I/We do hereby apply for the issue of a duplicate certificate of Registration.

The written off/soiled/torn/mutilated Certificate of registration is enclosed.

The vessel is not held under any agreement of hire purchase/lease/hypothecation.

**Signature or thumb impression of the Owner along with full address**

Date.....

The vessel is held under hire-purchase/lease/hypothecation agreement with ..... and the “No objection Certificate” obtained from the financiers is enclosed.

[Where “No Objection Certificate” is not enclosed applicant shall submit an affidavit that the vessel is not held under any agreement of hire purchase/lease/hypothecation]

Signature of thumb impression of the owner

Name

Full Address

Specimen signature or thumb impression of the Owner

Note : (1) Full particulars of the circumstances shall be furnished in the case of loss or destruction of the Registration Certificate.

**FOR OFFICE ENDORSEMENT**

Number..... Dated ..... Office of the.....

A duplicate certificate of registration as requested above is issued with the note of agreement of hire purchase/lease/hypothecation on ..... and is noted in the original book of registration or on the central database.

Signature of the Registering Authority

**Schedule-II: Zone Declaration****Gazette Notification No.:**

# **The Odisha Government Gazette**

## **EXTRAORDINARY**

### **PUBLISHED BY AUTHORITY**

**Vol.****Dated:**


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Separate paging is given to this Part in order that it may be filed as a Separate Compilation.

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**PORTS AND IWT DEPARTMENT****Notification**

..... December, 2023

**Inland Vessels Act, 2021**

WHEREAS the co-ordinates of the base line have been notified by the Ministry of External Affairs, Government of India vide S.O.1197 (E), dated 11/05/2009 and S.O.2962 (E), dated 20/11/2009, AND WHEREAS waters inland of Base line shall be treated as “INLAND WATERS”.

Now THEREFORE, on exercise of the powers conferred by chapter II of the Inland Vessels Act, 2021, the Government is pleased to recognise different zones as mentioned below according to the Significant Wave Height for the purpose of movement of Inland Vessels registered under the Inland Vessels Act 2021:-

**(A) Definitions -**

- (a) Zone 1- A zone where maximum significant wave height does not exceed 2 mtrs.  
(Significant Wave Height (SWH) between 1.2 to 2 mtrs)
- (b) Zone 2 - A zone where maximum significant wave height does not exceed 1.2 mtrs  
(SWH between 0.6 to 1.2 mtrs )
- (c) Zone 3 – A zone where maximum significant wave height does not exceed 0.6 mtrs.  
(SWH upto 0.6 mtrs)
- (d) Zone X – A zone where maximum significant wave height exceeds 2 mtrs., Inland Vessels are prohibited to ply in Zone X.

(B) Chart showing sectors and zone's applicable for each month.

Sector	A	B	C	D	E	F
JAN	3	3	3	3	2	3
FEB	3	3	3	3	3	3
MAR	3	2	3	3	2	2
APR	2	2	3	2	2	2
MAY	1	X	2	X	X	X
JUNE	1	X	2	X	X	X
JULY	1	X	2	X	X	X
AUG	1	X	2	X	X	X
SEP	1	X	2	X	X	X
OCT	3	2	3	1	1	1
NOV	3	3	3	3	3	3
DEC	3	1	3	2	3	1

**Note-** Above is based on the SWH study carried out by Indian National Centre for Ocean Information Services.

Inland vessels are certified for the construction, equipment, manning and safety and lifesaving appliances according the operating Zones. The inland vessels are also categorised in A, B and C based on the area they are built and equipped to ply. The vessel of category A can ply in Zones 1, Zone 2 and Zone 3.

The Inland vessels having classification society certificate for Zone 1 can ply in sectors having Zones 1, 2 and 3 i.e. SWH upto 2 mtrs.

The Inland vessels having Certificate of Survey for Zone 2 can ply in sectors having Zone 2 and 3 i.e. SWH upto 1.2 mtrs.

The Inland vessels having Certificate of Survey for Zone 3 can ply only in sector having Zone 3 i.e. SWH upto 0.6 mtrs.

IV vessels cannot ply in sectors having SWH more than 2 mtrs and marked as "X".

Inland vessels like open boats and crafts of Category C can ply only in Zone 3 in fair weather.

The Inland vessels shall be required to obtain voyage permission from the designated authority or authorised officers of Ports and IWT department, Govt. of Odisha for going out of the specified zone for single trip without load/passenger.

Inland Vessels with Zone 1 notification can ply in 5 NM Inland Vessel corridor during fair weather after obtaining Special Operating Certificate issued by Directorate General of Shipping.

**WAYPOINTS OF IV LIMIT - BASELINE SYSTEM, ODISHA COAST COORDINATES**

<b>No.</b>	<b>Geographical Name</b>	<b>Latitude</b>	<b>Longitude</b>
1		23 40'20.80" N	068 04'31.20" E
2			
3			
4			
5			

By order of the Governor

Principal/Special Secretary to  
Government of Odisha

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**Schedule - III****Appointments and Empanelment**

NOTIFICATION No. ....

- (1) In pursuance of sub-section (3) of section 5 of the Inland Vessels Act, 2021, The Directorate of Ports and IWT is notified as the “Designated Authority” for the administration and implementation of the provisions of the Inland Vessel Act 2021, Central Inland Vessel Rules and State Inland Vessel Rules.
- (2) In pursuance of section 10 of the Inland Vessels Act, 2021:

- (1) The State Government appoints the following officers as surveyors of inland vessels, in accordance with the criteria and qualifications prescribed by the Central Government in paragraph 23 of Inland Vessels (Survey and Certification) Rules, 2022.

SN	Name of the Surveyor
1	
2	
3	
4	

- (2) Further it empowers the Designated Authority to empanel as per Standard Procedures for empanelment of Surveyors, persons who meet the criteria and qualifications prescribed by the Central Government in paragraph 23 of Inland Vessels (Survey and Certification) Rules, 2022 and who are member of any two professional associations from the list annexed to empanelment procedure.
- (3) In pursuance of section 12 of the Inland Vessels Act 2021, the senior most Surveyor to Grant the Certificate of Survey to the inland vessel provided he has not issued the declaration of Survey in which case a rank junior to him to grant the certificate of survey.
- (4) In pursuance of sub-section (1b) of section 20 of the Inland Vessels Act, 2021, the State Government appoints officers meeting the qualification criteria in paragraph 5(b), are appointed as the Registrars of inland vessels for the place of registration specified against their name. The registrars shall perform the functions of the registering authority of inland vessels at the place they are nominated for and such other functions as are prescribed in paragraph 5(c).

Serial No.	Name of the Registrar	Place of Registration
1		
2		
3		
4		

- (5) In pursuance of section 19(2) of the Inland Vessels Act 2021, the Registrar of Inland Vessels may detain a mechanically propelled vessel plying in his jurisdiction till the owner, operator or Master of the vessel furnishes a valid certificate of registration.
- (6) In pursuance of sub-section (zk) of section 3 of the Inland Vessels Act, 2021 the following persons shall perform the duty of river pilot for the stretch/beat specified herein.

Serial No.	Name of the Pilot	Name of the beat (the chainage range)

1	
2	
3	
4	

(7) In pursuance of section (36) of the Inland Vessels Act, 2021:

(1) the State Government appoints the following officers who meet the qualification as prescribed in the paragraph (5) of the "Inland Vessels 'Inland Vessels (Manning) Rules, 2022, as examiners for the purpose of examining the qualifications of persons desirous of obtaining certificates under Chapter VI "Manning, Qualification, Training, Examination and Certification" of the Act to the effect that they are competent to undertake the responsibilities of and act as, masters, or as engineers or engine-drivers, or as such other persons, as the case may be, on the mechanically propelled inland vessels:

- 1) Sh.....
- 2)

(2) the examiners shall be nominated to a specific place of examination and may be transferred by the Designated Authority.

Serial No.	Name of the Examiner	Place of Examination
1		
2		
3		
4		

(3) the examiners shall evaluate the persons who have undergone the training required for qualifying as masters, or as engineers or engine-drivers, or as such other persons, as the case may be, and shall report the list of successful candidates who possess the required qualifications to the Central Government or such other officer appointed or authorised by notification by the State Government.

(4) the State Government empowers the Designated Authority to empanel as per Standard Procedures for empanelment of examiners, persons who meet the criteria and qualifications prescribed by the Central Government in paragraph (5) of chapter VI 'Inland Vessels (Manning) Rules, 2022' and who are member of any two professional associations from the list annexed to empanelment procedure.

(8) The chief examiner is designated to deal with suspension and cancellation of certificate of competency or certificate of service. The State Government or the chief examiner nominated under the Chapter VI 'Inland Vessels (Manning) Rules, 2022', may suspend or cancel the certificate of competency or the certificate of service granted under this Chapter by recording reasons thereof.

(9) In pursuance of section 43 of the Inland Vessels Act, 2021, the State Government authorizes surveyor's with domain expertise (Persons holding Post-Graduation Qualification and ten years' experience) or persons specialized in domain with over twenty years practical experience in relation to the field of special category vessels to implement provisions and grant certificate of fitness for special category vessels. The State government may authorize the classification society member of the International Association of Classification Society to implement the provisions and grant certificate of fitness for special category vessels.

(10) In pursuance of subsection (2) of section 53 of the Inland Vessels Act, 2021, the State Government authorizes surveyors to ensure construction, installation and maintenance of equipment for pollution prevention of all mechanically propelled inland vessels and issue certificate of prevention of pollution.

(11) In pursuance of subsection (1) of section 56 of the Inland Vessels Act, 2021, the State Government appoints the Designated Authority under chapter XIII to conduct investigation into incidents of pollution etc..

(12) In pursuance of subsection (2) of section 76 of the Inland Vessels Act, 2021, the State Government appoints the Designated authority for receiving reports of causality and accidents etc.

(13) For the purposes of Chapter XIII (Inquiry into Casualty, Accident or Wreck) of the Act, the State Government may appoint and maintain a list of assessors, which may be revised from time to time. The Assessor qualifications and criteria shall be as follows:

- (1) master Mariner (Foreign Going) with 10 years of sailing experience or experience in maritime training or marine survey after having obtained master's certificate issued by Director General of Shipping, Government of India or equivalent international certificate and member of two professional associations from a list annexed to this schedule or
- (2) marine or Mechanical or Electrical Engineer or Naval Architect in possession of minimum First or Second class Motor/Steam Ministry of Transport (MOT) Certificate issued by Director General of Shipping, Government of India or equivalent certificate recognized by the Government of India and 10 years of experience after first certificate of competency either in sea going regular vessels or Classification Societies or Ship Building yards or reputed International Shipping Companies or State Port Department or State Maritime Board or Directorate General of Shipping or Mercantile Marine Department and member of two professional associations from a list annexed to this schedule; or
- (3) bachelor's degree in Naval Architecture with 10 years' experience in sea going regular vessels or Classification Societies or Ship Building yards or reputed International Shipping Corporations or State Port Department and member of two professional associations from a list annexed to this schedule

**Annex: I****List of Non-Profit Professional Associations in Maritime Field**

1. Forum for River and Ocean Scientists and Technologists, Odisha (FROST)
2. Company of Master Mariners of India, (CMMI), preferably Odisha branch
3. Nautical Association, (Nautical Institute, London (North and East India Branch))
4. Institute of Naval Architects, India (INA)
5. Institute of Marine Engineers (India)
6. Maritime Trainers Guild (MTG)
7. National Maritime Foundation, (NMF)
8. Society of Naval Architects and Marine Engineers, (SNAME)
9. Indian Insurance Institute, (III)
10. Indian Ports Association, (IPA)

**Annex: II****List of Assessors**

The following assessors are empaneled for the purposes of the Chapter XIII (Inquiry into Casualty, Accident or Wreck) of the Act:

<b>Serial No.</b>	<b>Name of the Examiner</b>	<b>Domain of Expertise</b>
1		Inland Navigation
2		Naval Architect
3		Marine Engineering
4		Ports and Terminals
5		Waterways

**Schedule - IV****Places of Registration of Inland Vessels**  
(section 20 (1(a)) of the Inland Vessel Act 2021)

Notification No.:

The State Government under the provisions of sub-section 1((a) under section 20 of the Inland Vessel Act appoints the following ports or places for registration of Inland Vessels:

<b>Serial No.</b>	<b>Place of Registry</b>	<b>Address</b>	<b>Contact Number</b>
1	<b>Cuttack</b>		
2	<b>Balugaon</b>		
3	<b>Chandbali</b>		
4	<b>Jajpur</b>		
5	<b>Sambalpur</b>		
6	<b>Bhubaneswar</b>		

**Schedule – V****Fees, Fines, Charges, Penalties and Collection**

(Various sections of Inland Vessel Act 2021 and Central rules thereunder)

NOTIFICATION No. ....

- (1) In pursuance to the requirements of the section 89 of the Inland Vessel Act 2021 the state government appoints the..... authority to collect the fees and additional fees for the services provided under this Act and any other charges or payment made to it against payments towards penalties, at such rates and intervals, as specified in this schedule or as may be prescribed by the State Government
- (2) The procedures, forms and format of receipts, maintenance of accounts and any other matter that is necessary for the purpose of the remittance, collection, accounts and accountability of collected fees, additional fees, charges or payment against penalties of pecuniary nature is prescribed in 'Standard Procedures for collection of Fees' etc. or as may be prescribed by the State Government.
- (3) In pursuance of sections of the Inland Vessel Act, 2021, the Central Inland Vessel Rules, State Inland Vessel Rules, the State Government of Odisha may notify the fees and additional fees as an annexure to this schedule.

## Annexure: 1

**Table-I:** Survey and issuance of Certificate of Survey, section 12(2) of Inland Vessel Act 2021

Serial No.	For An Inland Vessel for which the Gross Registered Tonnage	Fees payable by the owner to Govt. of Odisha in INR
<b>Category A or as per Classification Society</b>		
1	Up to 10 Tonnes	1000
2	Exceeding 10 tonnes but does not exceed 50 tonnes	1500
3	Exceeding 50 tonnes but does not exceed 100 tonnes	3000
4	Exceeding 100 tonnes but does not exceed 300 tonnes	5000
5	Exceeding 300 tonnes but does not exceed 500 tonnes	7500
6	Exceeding 500 tonnes but does not exceed 1000 tonnes	10000
7	Exceeding 1000 tonnes but does not exceed 2000 tonnes	12500
8	Exceeding 2000 tonnes	15000
<b>Category B for Survey under the Designated Authority</b>		
1	Up to 10 Tonnes	1000
2	Exceeding 10 tonnes but does not exceed 25 tonnes	1500
3	Exceeding 25 tonnes but does not exceed 50 tonnes	2000
4	Exceeding 50 tonnes but does not exceed 100 tonnes	3000
5	Exceeding 100 tonnes but does not exceed 300 tonnes	4500
6	Exceeding 300 tonnes but does not exceed 500 tonnes	6000
7	Exceeding 500 tonnes but does not exceed 1000 tonnes	8000
8	Exceeding 1000 tonnes	10000
<b>Category C for Survey under the Designated Authority</b>		
1	Up to 10 Tonnes	1000
2	Exceeding 10 tonnes	1500

- For Initial Survey, Special Survey and inspection carried out after expiry of survey double of the fees stated above
- Additional Rs. 1000/ is chargeable for Survey on Sunday or Holiday

**Table-II:** Fees in relation to Registration of Inland Vessel Act 2021

Serial No.	For An Inland Vessel for which the Gross Registered Tonnage	Fees payable by the owner to Govt. of Odisha in INR
1.	Registration of Category A vessel, 24(1)	15/ per ton, minimum 2000
2.	Registration of Category B vessel, 24(1)	10/ per ton, minimum 1800
3.	Registration of Category C vessel, 24(1)	5/ per ton, minimum 1500
4.	Duplicate Certificate of Registration, 26(2)	500
5.	Registration of Alterations, 28(2)	1000
5.	Transfer of Registry from other state	Same rate as 1,2,3 above
6.	Transfer of Ownership within the State	1000

**Table-III:** The rates of charges to be received by the owner or operator of all cargo terminals or passenger terminals, for providing waste reception facilities, section 15(3) of Inland Vessel Act 2021

Serial No.	Type of waste to Inland water Premises of Odisha	Fees payable by the owner to owner/ operator of the terminals in INR
1.	Garbage Waste to Inland water premises	1000/ per person
2.	Oily water or Sludge	8000/ per vessel
3.	Sewage waste	4000/ per vessel
4.	Operating the Vessel with or by consuming drugs, alcohol or with similar offences item listed in IPC.	10000/ per person and 20000/ owner

**Table-IV:** Fees or charges for the assessors, section 76 (2) of Inland Vessel Act 2021

Serial No.	Assessors	Fees payable per day or meeting (INR)
1.	Assessor, Marine Engineer	10000
2.	Assessor, Master Mariner	10000
3.	Assessor, Naval Architect	10000
4.	Per day charges for TA/DA (Level 12, Gol)	On Actuals

**Table-V:** Fees or charges for the detention and forfeiture, section 85(2) & 85(4) of Inland Vessel Act 2021

Serial No.	Activity	Fees payable by the owner to owner/ operator INR
1.	Fees of surveyor for detention per visit	5,000/ visit
2.	Charges for terminal or holding place during detention and towing	1000/day and towing charges if any
3.	Charges for detention (security and safety guard)	1000/per shift of 8 hours
4.	Charges for safe custody (terminal, security and safety guard) during forfeiture	1500/per day

**Table-VI:** Penalties or fines for violating below rules (below penalties are for the first time)  
Note: Fines or penalties shall be doubled from last penalties charged for next subsequent offences within a year

Serial No.	Activity	Fees payable by the owner/pax/crew to the government INR
1.	On Owner – For Operating the boat without a valid Insurance cover	5000/-
2.	On Owner – For Operating the boat without proper manning	5000/-
3.	On Owner – For Operating the Boat without a valid Certificate of Registration	8000/-
4.	On Owner – For Operating the boat without a valid Certificate of Survey	5000/-
5.	On Owner – For Overloading Cargo or Passengers	10000/-
6.	On Owner – For Tempering with the Official marking on Boat's hull	20000/-
7.	On Crewmember – For Operating the Boat under the influence of Alcohol or other narcotic substance	20000/- per crew
8.	On Owner – For Operating the boat outside its designated Operating Region as mentioned in Certificate of registration	5000/-
9.	On Owner – For not maintaining the LFA / FFA and other safety equipment in order	5000/-
10.	On Passenger – for not wearing the life jacket	1000/- per pax.

**Table-VII:** Fees for NOC

Serial No.	Activity	Fees payable by the owner to state government INR
1.	Issue of No Objection Certificate (NOC)	1000/-
2.	Endorsement of lease / mortgage agreement over registration certificate	1000/-
3.	Cancellation of lease/ mortgage agreement	500/-

**Table-VIII:** Fees or additional fees or charges or payment against penalties to be collected by the state, as per section 87 of Inland Vessel Act 2021

Section	Offence	Penalty	Fee Procedure
8	Any owner, operator or construction yard, found guilty of construction, alteration or modification of mechanically propelled inland vessel in contravention of section 8.	Fine which may extend to ten thousand rupees for every non--compliance found.	Accounts Manual

### **Offences and Penalties . —**

Whoever, contravenes any of the provisions of the Act, Central Inland Vessel Rules 2022 and Inland Vessel Rules Odisha, 2023 shall be punishable with penalty as mentioned in the chapter XVI (Offences and Penalties) of the Inland Vessel Act 2021.

**Schedule: VI (Emergency Contact Details)****Emergency Contacts**

Fire Station	101
Ambulance	108
Police	100
Ambulance (Janani)	102

**Contact Details for State Pollution Control Board**

Head Office			
Serial No.	Address	Contact Details	Jurisdiction (Districts)
1	State Pollution Control Board, Odisha, Paribesh Bhawan, A/118, Nilakantha Nagar, Unit-8, Bhubaneswar-751 012	Phone:(0674) 2561909, 2562847 Fax- (0674) 2562827, 2560955 EMail:paribesh1@ospcboard.org Website : <a href="http://www.ospcboard.org">www.ospcboard.org</a>	Odisha State
2	Central Laboratory, State Pollution Control Board, Odisha ,B-59/2 & 59/3, Chandaka Industrial Estate, Patia, Bhubaneswar	EMail:centrallab@ospcboard.org Website : <a href="http://www.ospcboard.org">www.ospcboard.org</a>	Odisha State

Regional Offices			
Serial No.	Address	Contact Details	Jurisdiction (Districts)
1	Regional Office, Angul S-3/3, Industrial Estate, Hakimpada, Angul- 759 143	Tel – (06764) 236389 Fax – (06764) 237189 Email:rospcb.angul@ospcboard.org Regional Officer:Dr. Anup Ku. Mallick, Mobile No: 9438883955	i. Angul ii. Dhenkanal
2	Regional Office, Balasore, Plot No – 1602, Ganeswarpur mouza, Januganj, Balasore – 19	Tel/Fax-(06782) 265110 Email:rospcb.balasore@ospcboard.org Regional Officer: Sri Manmohan Murmu, Mobile No: 9438025093	i. Balasore ii. Bhadrak iii. Mayurbhanj

3	Regional Office, Berhampur, 2nd Floor, New Division Office, IDCO Berhampur Division, Industrial Estate, Berhampur – 08, Ganjam	Tel- (0680) 2281075 Fax- (0680) 2280139 Email: <a href="mailto:rospcb.berhampur@ospcboard.org">rospcb.berhampur@ospcboard.org</a> Regional Officer: Sri Deepak Sahoo, Mobile No: 9438883913	i. Ganjam ii. Nayagarh iii. Kandhamal
4	Regional Office, Bhubaneswar B-59/2 & 59/3, Chandaka Industrial Estate, Patia, Bhubaneswar	Tel (0674) 2973126 Email : <a href="mailto:rospcb.bhubaneswar@ospcboard.org">rospcb.bhubaneswar@ospcboard.org</a> Website: <a href="http://www.ospcboard.org">www.ospcboard.org</a> Regional Officer: Dr. Sohan Giri, Mobile No: 9438883891	i. Puri ii. Khordha
5	Regional Office, Bolangir, Near Koshla Chowk, Palace Lane, Bolangir	Website: <a href="http://www.ospcboard.org">www.ospcboard.org</a> Regional Officer: Babita Singh Mobile No: 9438883908, EMail : <a href="mailto:rospcb.bolangir@ospcboard.org">rospcb.bolangir@ospcboard.org</a>	i. Bolangir ii. Boudh iii. Nuapada iv. Subarnapur
6	Regional Office, Cuttack, Plot No. 586, Surya Vihar, Link Road, Cuttack – 753 012	Tel/Fax-(0671) 2335478 EMail : <a href="mailto:rospcb.cuttack@ospcboard.org">rospcb.cuttack@ospcboard.org</a> Regional Officer: Rashmita Priyadarsini Mobile No: 9437943913	i. Cuttack
7	Regional Office, Keonjhar At – Baniapat, College Road, Keonjhar-758 001	Tel / Fax – (06766) 259077 EMail: <a href="mailto:rospcb.keonjhar@ospcboard.org">rospcb.keonjhar@ospcboard.org</a> Regional Officer:Er. Prasanta Kar, Mobile No: 9438883963	i. Keonjhar
8	Regional Office, Koraput Ground Floor, Door Sanchar Bhawan, BSNL, Koraput	Regional Officer:Er. Deepesh Biswal , Mobile No: 8895472558	i. Koraput ii. Nabarangpur iii. Malkangiri
9	Regional Office, Rayagada 287/A, Kasturi Nagar, Rayagada – 765 001	Tel-(06856) 223073 Fax-(06856) 224281 EMail: <a href="mailto:rospcb.rayagada@ospcboard.org">rospcb.rayagada@ospcboard.org</a> Regional Officer:Shri Hemendra Nath Nayak , Mobile No: 9439537687	i. Rayagada ii. Kalahandi iii. Gajapati
10	Regional Office, At- Near Panposh Hockey Chowk, Panposh, Po- Panposh, Rourkela – 769 004, Dist – Sundargarh	Tel – (0661) 2646736 Fax – (0661) 2648999 EMail: <a href="mailto:rospcb.rourkela@ospcboard.org">rospcb.rourkela@ospcboard.org</a> Regional Officer:Dr. Binod Bihari Dash, Mobile No: 9437278372	. Sundergarh Deogarh

11	Regional Office, Sambalpur, Plot No.1070 Hospital Road, Modipara Sambalpur-768 002	Tel- (0663) 2541910 Fax – (0663) 2541978 <a href="mailto:rospcb.sambalpur@ospcboard.org">EMail:rospcb.sambalpur@ospcboard.org</a> Regional Officer:Er. Ramesh Kumar Ekka Mobile No: 9438883905	i. Sambalpur ii. Bargarh
12	Regional Office, Jharsuguda, Plot No. 370/5971, At – Babubagicha (Cox Colony) St. marry Hospital Road, PO- Industrial Estate, Dist.-Jharsuguda- 768203	Tel- (06645) 273284 Fax – (06645) 2732294 <a href="mailto:rospcb.jharsuguda@ospcboard.org">EMail: rospcb.jharsuguda@ospcboard.org</a> Regional Officer:Er. Hiranya Ku. Nayak Mobile No: 9438883902	i. Jharsuguda ii. Himgiri block of Sundergarh district
13	Regional Office, At-Dhabalagiri, Po- F.C Project, Jajpur Road, Dist – Jajpur – 755020	Tel : (06726)-221153 Email: <a href="mailto:rospcb.kalinganagar@ospcboard.org">rospcb.kalinganagar@ospcboard.org</a> Regional Officer:Er. Pramod Ku. Behera Mobile No: 9438883904	i. Jajpur
14	Regional Office, Paradeep, Plot No -1005, 1st Floor, Udayabata, Paradeepgarh, Paradeep, Dist – Jagatsinghpur – 754141	EMail: <a href="mailto:rospcb.paradeep@ospcboard.org">rospcb.paradeep@ospcboard.org</a> Regional Officer: Sri Puskar Chandra Behera, Mobile No: 9438883895	i. Jagatsinghpur ii. Kendrapara

**Schedule VII\_1**

Form No. 1(VII) -SCAPL

**APPLICATION FORM FOR THE SPECIAL CATEGORY VESSEL**

Date:

To,  
THE DESIGNATED AUTHORITY,

.....  
.....  
.....

We hereby request you to register the vessel whose details are given below:

Vessel Name: Official Number:

Class: Classification Number:

Gross Tonnage: Place of Registry:

The following certificates and documents are attached for your reference and consideration:

1. Certificate of Registration
2. Valid Certificate of Survey
3. Certificate of Fitness
4. Survey report for special category

I hereby state that the vessel meets and complies with the provisions of chapter VII (Special Category Vessels) of the Act.

Name and Address of Applicant

Signature

## Schedule VII\_2

### Special Category Vessel

#### A. Wooden Vessel

The following are the additional requirements for mechanically propelled inland vessels where wood, plywood, veneers for moulded construction, wood composite structure is used for construction of hull structure.

**1. Materials:** The materials used for construction shall comply with requirements of section 5, chapter 3 of Rules and Regulations for the Construction and Classification of Pleasure Crafts – 2023, promulgated by Indian Register of shipping

Wood, plywood, veneers for moulded construction, wood composite structure used for construction of hull structure, deck and superstructure are, in general to be durability Class 1 or 2. As an exception veneer of durability less than 2 may be used, if adequately preserved by resin penetration or FRP sheathing.

**Table 2.1 Designation of Durability of Wood**

Durability class	Endurance (years)	Resistance
1	> 25	High Resistance
2	15 to 25	Resistant
3	10 to 15	Moderate resistance
4	< 10	Non-resistant

**Table 2.2 Wood Designation and Durability Classes ( Selection)**

Trade name	Botanical designation	Durability class
Teak	Tectona grandis	1
Iroko	Chlorophora excelsa	1
Macore	Tieghemelia heckelii	1
Andaman Padauk	Pterocarpus dalbergioides	1
Sipo,	Utile Entandrophragma utile	2
Mahogany	Swietenia macrophylla	2
Oak,	European Quercus robur	2
Red cedar, western	Thuja plicata	2
Khaya, Benin mahogany	Khaya ivorensis	2,3
Agba	Gossweilerodendron balsamiferum	2,3
Douglas fir, oregon pine	Pseudotsuga menziesii	3
Larch	Larix decidua	3
Pine	Pinus sylvestris	3
Fir	Abies alba	4
Fir, spruce	Picea abies	4
Spruce	Picea glauca	4
Anhili	Artocarpus hirsutus	4

#### 1.1 Data Sheet

The material or other acceptable written information in a data sheet shall be listing:  
The Botanical name of the wood in addition to the trade name,

The average density for defined moisture content.

The average mechanical properties, according to the appropriate standard and moisture content when delivered and method of drying (air or kiln)

## 2. Design and Construction

Design pressure and scantling of wooden hull vessel shall compliance the requirements of category C in ISO 12215-5:2008 (as amended).

**3. Structural strength:** a Design loads and scantlings for the wooden hulled crafts for inland water service may be determined in accordance with the requirements of Category C in ISO 12215-5:2019 (as amended).

**4. Stability, Fire Fighting Appliance and Life Saving Appliances –** Same as Schedule VIII.

**5. Bilge Pumping –** A fixed motor driven bilge pump of sufficient capacity to the satisfaction of the surveyor and pipeline system with non-return valve for pumping out the water from one more compartment. For a vessel of about 10m length to have pump capacity of 120 ltrs/minute.

**6. Other Requirements:** The mechanically propelled inland vessel intended to be registered as special category vessel shall comply with the provisions of the Central Government Rules and rules prescribed by the state government for the following:

- (a) Steering gear and rudders
- (b) Auxiliary machinery
- (c) Remote control systems
- (d) Pumping and piping systems, including valves
- (e) Boilers and pressure vessels
- (f) Electrical installations
- (g) Fire safety
- (h) Freeboard
- (i) Life Saving Appliances
- (j) Radio Communication
- (k) Environmental Protection
- (l) Manning

**Certificate of Fitness for the Inland Vessels constructed of wood**

Issued under the provisions of the  
 Special Category chapter of the Inland Vessel Act 2021  
 subsection (2) of section 43  
 by the Designated Authority, Government of the Odisha

Name of Vessel	Official Number or Letters	Place of Registry	Gross Tonnage	Vessel Type (Passenger, Cargo)

Date on which keel was laid or on which the vessel was at a similar stage of construction: \_\_\_\_\_

The vessel complies fully with the provisions for mechanically propelled inland vessels under Inland Vessel Act 2021 and rules made thereunder vide Certificate of Survey No. .....  
 issued on.....

Additionally, the inland vessel complies with the provisions under Special Category:

'Construction of Wood Material'

THIS IS TO CERTIFY:

- 1 That the vessel has been surveyed in accordance with the provisions of section 42(2) of the Inland Vessel Act 2021 and the rules prescribed thereunder by the Competent Authority.
- 2 That the survey showed that the vessel complies with the relevant provisions of construction, design, survey, registration, manning, qualification, competency, of special category prescribed under the Act.
- 3 That the vessel has valid Certificate of Survey or has been surveyed under the provisions of the Act and rules thereunder for mechanically propelled vessel under the act and rules thereunder.

This Certificate is valid until.....subject to surveys in synchronous and in accordance with the 'Central Survey Rules' under the Act

Issued at (Place of issue of Certificate) ..... Date of issue: .....

The undersigned declares that he is duly authorized by the said Government to issue this Certificate.

(Signature of official issuing the Certificate)

## Schedule VIII

**(Work in Progress as the Central Inland Vessels Design and Construction rules have not been notified)**

### **Rules, Requirements and Regulations for the Design and Construction of Inland Vessels**

#### **Application and Definition**

1. The rules, requirements and regulations for design and construction of inland vessels given in this schedule are applicable to vessels as defined in rule no 17 of Inland Vessel Rules, Odisha 2023.
2. Words and expressions used and not defined in these rules but defined in the Act shall have the meanings respectively assigned to them in the Act. These rules are complementary to the Inland Vessel (Design and Construction) Rules 2023, where applicable.
3. **3.1 “mechanically propelled inland vessel”** is as defined in Inland Vessel Act 2022 under these rules  
**3.2 “non-mechanically propelled inland vessel”** is as defined in Inland Vessel Act 2022 under these rules
4. **Threshold of compliance:**
  - 4.1** All existing inland vessels shall comply with the requirements existing prior to coming into force of Inland Vessels Design and Construction Rules 2022 and Schedule VIII of the Odisha Inland Vessel Rules, 2023;  
 Provided that the existing inland vessels that undergo major conversion or modification shall comply with the requirements specified in these rules, as far as it is considered reasonable and practicable by the Designated Authority, and provided that in the case of a change of propulsion system or main engines or type of fuel etc., the new rules shall apply to that equipment and systems only.
  - 4.2** Notwithstanding anything contained in **sub-rule (4.1)** above, the existing inland vessels shall comply with the requirements of stability information and calculation of freeboard mentioned in chapter VI of these rules within two years of coming into force of these rules.
  - 4.3** The owner or operator and master of the new vessel, shall ensure that the vessel is constructed, maintained and operated under the requirements of these rules and the vessel is suitable for its intended service.
  - 4.4** No new inland vessel shall be issued with the certificate of survey under the Act, unless such vessel complies with the standards of design and construction requirements specified in Inland Vessels Design and Construction Rules 2022 and Schedule VIII of the Odisha Inland Vessel Rules, 2023 as applicable.
5. All the vessels shall be designed and constructed under the supervision of a consultant empaneled in **Schedule III** or a recognized Naval Architect or a competent person with similar background approved by the Designated Authority or classification society.

#### **Section A: Mechanically Propelled Inland Vessel**

The rules of this section shall apply to mechanically propelled inland vessel registered under the Odisha Inland vessels rules, 2023.

## **Chapter 1 Construction and Structural Strength**

### **1.1 General Requirements**

#### **1.1.1 Adequate Strength and Service Life:**

The hull structure must be designed and constructed to provide sufficient strength to withstand the stresses and forces it will experience during operation. Scantlings to be approved by the classification society or to be calculated by an empaneled/approved naval architect.

The vessel's service life is a critical factor, and the hull must be durable enough to maintain its structural integrity over an extended period.

#### **1.1.2 Weather conditions and operating parameters:**

The design shall take into account the weather conditions that the vessel is likely to encounter in its zone of operation.

The hull must be capable of withstanding these weather conditions at both the vessel's service draught and its maximum service speed.

#### **1.1.3 Openings with adequate stiffening:**

Any openings in the hull, such as doors or hatches, shall be designed with sufficient stiffening and should be properly fitted. Hatch openings should be provided with hatch covers of material of adequate strength and should be capable of being secured down. Stiffening refers to reinforcing the structure around the opening to maintain overall structural integrity.

The design of these openings must meet the standards and requirements set by the designated authority.

#### **1.1.4 Alternative standards:**

Construction and strength of Category C inland vessels may be recognized by the designated authority in accordance with recognized national/international standards (ISO standards for small crafts –ISO12215).

#### **1.1.5 Approval from Designated Authority:**

The vessel's design and construction plans shall meet the required safety and regulatory standards and be approved by the Designated Authority prior construction.

### **1.2 Materials and equipment standards**

**1.2.1** Materials used for the construction of Category 'C' vessels shall conform to the standards considered appropriate by the designated authority.

**1.2.2** Equipment and types of machinery required to be carried on board, and shall be approved or certified as per the Bureau of Indian Standards or International Standards Organization for the item.

**1.2.3** Proposals to use any other material shall be submitted to the designated Authority for consideration and approval.

### 1.3 Hull, bulkheads, decks, deck openings

**1.3.1 Hull:** The structural strength of the hull shall be sufficient to withstand forces exerted on it. In the decked vessel, the upper deck and hull side's cut/opening/outfitting shall be watertight. In an open vessel, the hull side's cut/opening/outfitting shall be watertight. Side scuttles fitted below the deck must be of non-opening type. Hull construction and scantlings may also be approved or prescribed by the Designated Authority in accordance with ISO:12215 standards.

**1.3.2 Bulkheads:** An inland vessel shall have at least three efficient watertight bulkheads, one on either side of the engine room, and a collision bulkhead forward. The structural strength of the watertight bulkhead in the decked vessel shall be strong enough to add to the transverse strength of vessel. Any opening in a watertight bulkhead shall be provided with watertight outfitting, to the satisfaction of the designated authority. All bulkheads must be maintained watertight; Shafts or pipes passing through should be fitted with watertight bulkhead glands and stuffing boxes.

**1.3.3 Decks, deck opening and hatch coamings:** For decked vessels, the deck must be watertight from stem to stern throughout and all openings to be made watertight. For embarking and disembarking of passengers or for cargo operations, a minimum two-deck hatches shall be provided with a coaming height mentioned in sub-rule 1.5.

### 1.4 Calculation of freeboard.

**1.4.1** For all vessels, the assigned freeboard shall be the freeboard of the deepest approved loading condition in the intact condition.

**1.4.2** Notwithstanding anything contained in sub-rule 1.4.1 above, the freeboard assigned shall in no case be less than 150 mm for cargo vessels and 300 mm for passenger vessels.

### 1.5 Cargo Hatches, Coaming Heights and conditions of assignment of freeboard.

**1.5.1** The height of cargo hatch coamings above decks shall not be less than:

- (a) 300 [mm] for Zones 1 and 2; and
- (b) 200 [mm] for Zone 3;

**1.5.2** In addition, the height [mm] of hatch coaming above load water line is to be not less than given in the Table below:

Height of Hatch coamings or ventilator coamings above load waterline			
	Zone 1	Zone 2	Zone 3
With a weathertight hatch cover or ventilator closing appliances	1000	600	300
Without weathertight hatch cover or without ventilator closing appliances	1700	1000	500

**1.5.3** The strength and water tightness requirements, alternatively may be applied as per ISO12216 to the satisfaction of the designated authority.

### **1.6 Windows and side Scuttles:**

The windows and side scuttles shall be designed and constructed as per sub-rule 20, in Inland Vessels (Design and Construction) Rules 2023 or ISO12216 to the satisfaction of the designated authority.

### **1.7 Height of side railing or guard rails:**

The top of the gunwale, bulwark, or railing must be at least 900mm in height.

### **1.8 Flooring**

In vessels carrying passengers, the floor in areas with fittings (such as fixtures or equipment) shall be flushed as far as possible, and if raised, the area shall be highlighted to caution the hazard.

## **Chapter 2 Machinery and Equipment**

### **2.1 General Requirements**

**2.1.1** The inland vessel shall comply with the relevant machinery standards of the requirements prescribed under the Annex-1 of Inland Vessels (Design and Construction) Rules 2023 or the requirements acceptable to the designated authority in the case of Category 'C' vessels, suitable for the vessel type and its operational profile; and the minimum requirements for machinery specified in this rule shall not be construed as an alternative to full compliance with the requirements prescribed under Inland Vessels (Design and Construction) Rules 2023 Vessels given at Annex-1.

**2.1.2** The ambient reference conditions shall be such that the rating of the main and auxiliary machinery is suitable for the temperature conditions associated with the geographical limits of the restricted service.

**2.1.3** Machinery installations are to be designed such as to ensure proper operations under the following conditions:

- (a) list of 10°;
- (b) trim of 5°.

**2.1.4** Machinery requirements and installation information including power calculations shall be shared in full and approved by the designated authority. The general arrangements of machinery, boilers if any, fuel tanks, engine casings, means of prevention of oil pollution from the machinery space, capacity of fuel tanks, bilge pumping arrangements, firefighting equipment together with any other plans the Designated Authority may require, should be submitted for approval.

**2.1.5** Equipment and machinery required to be carried on board, and shall be approved or certified as per the Bureau of Indian Standards or International Standards Organization norms.

**2.1.6** Installation, fitting and operation of outward and internal combustion marine engines shall comply with recognized safety as per BIS/ISO (for example ISO8665) and shall be approved by the Designated Authority.

### **2.2 Fuel tank and minimum reserve of fuel**

**2.2.1** No oil fuel tank shall be situated where spillage or leakage therefrom can constitute a hazard by falling on heated surfaces and precautions shall be taken to prevent any oil that may

escape under pressure from any pump, filter or heater from coming into contact with heated surfaces.

**2.2.2** A small engine (with less than 5 horsepower) manufactured with an integrated fuel tank is accepted.

**2.2.3** A vessel shall carry an adequate reserve of fuel to safely complete her voyage /excursion as per routine operational requirements.

**2.2.4** A petrol /gasoline fuel tank is not to be made integral to the hull. Portable petrol tanks are to be designed as per an acceptable national/international standard.

**2.2.5** Permanent diesel or petrol tanks to be installed to the satisfaction of the Designated Authority who may issue guidance as per the provisions of ISO:21487 or any other similar standard.

**2.2.6** Permanent tanks for other fuel as mentioned in sub-rule 2.6.3 of this Schedule VIII, may be installed as per any IACS or other marine standard.

### **2.3 Stowage of Reserve Fuel**

**2.3.1** Reserve fuel carried on board the vessel may be stowed in a manner that allows for easy transfer. This implies that the location where the reserve fuel is kept shall be accessible and designed to facilitate the transfer of fuel when needed.

**2.3.2** The vessel shall carry a minimum amount of fuel (as decided by the Operator) in reserve to address unforeseen circumstances, such as extended voyages, unexpected delays, or emergencies.

**2.3.3** The capacity and stowage arrangements for reserve fuel are subject to the approval of the designated authority.

### **2.4 Installation**

**2.4.1** In general, machinery installations onboard inland vessels are to comply with the requirements in Annex-1 to the Rules and Regulations for the Design and Construction of Steel Inland Vessels or of the Classification Society or other National or International Standards.

**2.4.2** The machinery, fuel tanks and incorporated piping systems and fittings shall be of a design and construction sufficient for the service in which they are used and shall be so installed and protected as to reduce to a minimum danger to persons during normal movement about the vessel.

**2.4.3** Containment of spillage of fuel/dirt containing fuel shall be provided below the fuel pump and filter. On a regular basis containment of any type of dirt containing fuel shall be removed and disposed to the government-registered Land Disposal Facility as mentioned in SOP III and IX of the Odisha Inland Vessel Rules, 2023.

**2.4.4** The installation of machinery systems and their equipment may be as per BIS / ISO or other marine standards to the satisfaction of the Designated Authority.

### **2.5 Battery**

**2.5.1** Accumulator batteries other than engine starting batteries are to be protected against short circuit by devices, in each insulated pole, placed at a position adjacent to the battery compartment.

**2.5.2** Engine starting batteries are to be located as close as practicable to the engine(s) served. If such batteries cannot be accommodated in the battery compartment, they are to be installed so that adequate ventilation is ensured.

## 2.6 Engine Starting

**2.6.1** An engine shall be provided with either mechanical or electric starting or manual starting with independent batteries or other means of starting acceptable to the designated authority.

**2.6.2** When the sole means of starting is by battery, the battery shall be in duplicate and connected to the start motor via a 'change over switch' so that either battery can be used for starting the engine. In normal circumstances, it shall not be possible to run both batteries in parallel. (For cold starting of the engine the use of both batteries in parallel can be accepted). Charging facilities shall be available for the batteries when the engine is running.

**2.6.3** An alternate source of energy to drive the engine i.e., by means of electrical, battery-powered, solar cell powered, CNG, LNG, methanol, methane, hydrogen, ammonia or any other appropriate fuel may be approved by the Designated Authority subject to compliance with the schedule on special category vessels.

## 2.7 Bilge pumping arrangements and bilge pump

Provided the safety of a vessel is not impaired, a bilge pump needs to be carried or installed for drainage of particular compartments.

**2.7.1** The requirements and provisions of these rules generally apply to vessels of Category 'C', in so far as deemed reasonable by the Designated Authority, giving due consideration to their size and operational profile of the vessels.

**2.7.2** There shall be at least one powered-driven bilge water pump for each watertight passenger compartment.

**2.7.3** For open deck vessels a minimum of one hand-operated bilge pump or a bailer or a bucket is to be provided.

**2.7.3.1.** For decked vessels one power driven bilge pump and one hand-operated bilge pump to be provided.

**2.7.4** One bilge pump may be the fire pump complying with the relevant firefighting requirements.

**2.7.5** The bilge pump installed shall be of self-priming type.

## 2.8 Steering, Speed and Control

**2.8.1** The inland vessels shall have a minimum speed of 15 km/h in calm waters and be provided with steering mechanism to be controlled in conditions of the operating zone to the satisfaction of the surveyor.

**2.8.2** Category 'C' vessels are to be provided with reliable steering systems. In the case of Category 'C' vessels, only a hand tiller may be provided for steering, if acceptable to the Designated Authority. If a fully powered steering gear is fitted in and Category 'C' vessels, an independent secondary means of steering is to be provided.

**2.8.3** Steering systems shall comply with the following requirements:

(a) for manually controlled steering systems, a single turn of the wheel shall correspond to a rudder angle of at least 3°;

(b) for powered steering systems, when the rudder is at maximum immersion, it shall be possible to achieve an average angular velocity of 4°/s over the rudder's entire turning range.

**2.8.4** This requirement shall also be checked, with the vessel at full service speed, for moving the rudder over a range from 35° port to 35° starboard.

**2.8.5** In addition, it shall be checked whether the rudder keeps the position of the maximum angle at maximum propulsion power.

**2.8.6** For other types of steering systems, these requirements are to be correspondingly applied.

**2.8.7** The control position is to be located such that the person conning the vessel has a clear view for the safe navigation of the vessel.

**2.8.8** When the steering control is remotely located from the means of steering, an emergency means must be provided for steering the vessel in the event of failure of the main steering control. Arrangements may take the form of a tiller to fit the head of the rudder stock or a steering oar as appropriate, considering the nature of the operation of the vessel concerned, and are to be to the satisfaction of the Designated Authority.

## **2.9 Rudder**

As appropriate to the vessel, the rudder and rudder stock construction materials, design in total (including tiller head attachments, bearings and pintles) and the supporting structures shall correspond to the operating conditions for the vessel. Recognized design standards such as BIS/ISO or any other marine standards to the satisfaction of the designated authority shall be used for the construction and fitting of the rudder and ancillary equipment.

## **2.10 Propeller**

As appropriate to the vessel, propeller line shaft(s) construction materials and design in total (including shaft brackets, propeller securing, bearings, stern tube and thrust block) and supporting structures shall correspond to the operating conditions for the vessel. Recognized design standards such as BIS/ISO or any other marine standards to the satisfaction of the designated authority shall be used for the construction and fitting of the Propeller and ancillary equipment. Propeller types may be conventional propellers, waterjet, outboard motor propellers or any other type of propellers that can operate as per the marine standard to the satisfaction of the designated authority.

## **2.11 Anchor and Cables**

**2.11.1** An anchor of sufficient mass for the size and type of vessel shall be provided, and as a minimum be of a kedge type.

**2.11.2** Vessels shall be provided with anchoring and mooring equipment following Bureau of Indian Standards or International Standards Organization and conform to industry best practice and such equipment shall commensurate with the size and type of vessel, and area of operation.

## **2.12 Towline**

A vessel shall be provided with a rope towline of not less than the length and diameter of the anchor cable.

## **2.13 Electrical Equipment Arrangement and Installations**

**2.13.1** The electrical arrangements shall be such as to minimize the risk of fire and electric shock.

**2.13.2** Electrical equipment and installations of all mechanically propelled inland vessels shall comply with the relevant electrical standards prescribed under subsection 59 of Inland Vessels (Design and Construction) 2023.

**2.13.3 Systems** - All circuits, except the main supply from the battery to the starter motor and electrically driven steering motors, shall be provided with electrical protection against overload and short circuits, (i.e. fuses or circuit breakers shall be installed). Short circuit protection shall be for not less than twice the total rated current of the motors in the circuit protected.

**2.13.4 Batteries** - Traditional alkaline and lead acid batteries evolve flammable hydrogen gas which can escape to a high level within the space through the vent plugs provided. Consequently, potential sources of ignition such as electrical equipment not directly associated with the battery installation, loose metallic objects, spanners etc. shall be kept clear.

**2.13.5 Electrical cables** - Electric cables shall be constructed to a recognized standard for marine use in small vessels.

Adequate provision shall be made for securing electrical connections e.g., by use of locking washers.

**2.13.6** Alternatively, vessels with electrical systems having an operating voltage lower than 50 [V] are to comply with acceptable National/International standards (such as ISO10133- Small Craft - Electrical Systems - Extra Low- Voltage D.C. Installations and ISO13297 - Small Craft- Electrical Systems-Alternating Current Installations), which provide a level of safety equivalent with the requirements of these Rules, for the operational profile of the Craft.

**2.13.7** Alternatively, vessels with electrical systems having an operating voltage lower than 50 [V] are to comply with acceptable National/International standards (such as ISO25197 - Small Craft -- Electrical/Electronic Control Systems for Steering, Shift and Throttle), which provide a level of safety equivalent with the requirements of these Rules, for the operational profile of the Craft.

## **2.14 Electrical Cables**

**2.14.1** All electric cables and external wiring to the equipment shall be at least of flame-retardant type.

**2.14.2** Cables and wiring which is serving essential or emergency power, lighting, internal communications or signals shall be routed clear of galleys, laundries, machinery spaces and their housings and other high fire risk areas.

**2.14.3** Where cables which are installed in hazardous areas introduce the risk of fire or explosion in the event of an electrical fault in such areas, special precautions against such risks shall be taken such as are considered necessary by designated authorities.

**2.14.4** Cables and wiring shall be installed and supported in such a manner so as to avoid chafing or other damage.

**2.14.5** Terminations and joints in all conductors shall be so made as to retain the original electrical, mechanical, flame retarding and, where necessary, fire-resisting properties of the cable.

## **2.15 Renewable sources of electrical power**

General requirements for solar power systems, where provided shall comply as follows:

**2.15.1** Solar power may be used as an additional source for charging battery systems. Suitable changeover arrangements are to be provided to ensure charging of the batteries when the output from photovoltaic (PV) panels is not sufficient to charge the batteries.

**2.15.2** The components of solar power systems are to be suitably sized for charging the connected batteries.

**2.15.3** The PV panels and associated power system components are to be suitable for marine use.

**2.15.4** The following are to be considered while designing and sizing the solar power system: environmental conditions, geographical conditions, solar radiation, rated voltage and current, photovoltaic module maintenance requirements and storage battery capacity.

**2.15.5** Tests and trials are to be carried out to verify the satisfactory operation of solar power systems.

**2.15.6** PV modules are to comply with recognised standards such as:

- (a) IEC 61215-1:2021 Terrestrial photovoltaic (PV) modules – Design qualification and type approval - Part 1: Test requirements
- (b) IEC 61215-2:2021 Terrestrial photovoltaic (PV) modules – Design qualification and type approval - Part 1: Test procedures
- (c) IEC 61701:2020 - Photovoltaic (PV) modules - Salt mist corrosion testing
- (d) IEC 61730-1:2016 – Photovoltaic (PV) module safety qualification, Requirements for construction
- (e) IEC 62716:2016 – Photovoltaic (PV) modules - Ammonia corrosion testing (for modules installed onboard ammonia carriers).

## **2.16 Store, Spare, Gear and Tool**

**2.16.1** Every inland vessel shall be provided with stores, spare gear and tools as may be necessary and sufficient for the intended service of the vessel.

## **Chapter 3 Life-Saving Appliances**

**3.1** Any particular piece of equipment or machinery that the inland vessels shall be provided with or carried onboard shall be in accordance with a national or international standard such as the BIS or the ISO.

**3.2** Life-saving appliances shall be fitted with retro-reflective material and the dimensions and location of the material shall be in accordance with national or international standards.

**3.3** Life-rafts or buoyant apparatus shall be provided for a minimum of 110% of the total approved carrying capacity of the crew and passengers of the vessel; the number of life-rafts or buoyant apparatus may be determined by the Designated Authority depending on the area of operation and rescue services. The buoyant apparatus or life raft may be replaced with an equivalent capacity of a number of lifebuoys and 50% with 30 metres of buoyant line.

**3.4** One whistle or equivalent sound signal.

**3.5** One first-aid kit in a waterproof case.

**3.6** One red hand flare.

**3.7** One buoyant paddle.

**3.8** One waterproof electric torch adequate for morse signaling or one searchlight.

**3.9** Life Jacket shall be provided for 110% of the total capacity for each crew and passenger including children and infants onboard.

**3.10** The vessel shall comply with the Central Inland Vessel Life Saving Apparatus Rules

## **Chapter 4 Fire Safety and Fighting Appliances**

- 4.1** Any particular piece of equipment or machinery that the inland vessels shall be provided with or carried onboard shall be in accordance with a national or international standard such as the BIS or the ISO.
- 4.2** Minimum one portable engine-driven fire pump or fixed fire pump to be carried on board for a vessel length of more than 6 metres.
- 4.3** A minimum of one portable fire pump is required for a vessel length of less than 6 metres.
- 4.4** One portable soda-acid type fire extinguisher needs to be carried.
- 4.5** A minimum of one fire bucket with a lanyard shall be provided.
- 4.6** A minimum of one sandbox with a scoop shall be provided and the quantity shall not be less than 0.050 cubic metres.
- 4.7** For Ro-Ro and tanker vessels, fire-fighting appliances shall be as per central government FFA Rules.
- 4.8** These rules are in addition to Centre Inland Vessel FFA Rules, whereas applicable.

## **Chapter 5 Navigation and Communication Equipment**

- 5.1** Any particular piece of equipment or machinery that the inland vessels shall be provided with or carried onboard shall be in accordance with a national or international standard such as the BIS or the ISO.
- 5.2** Magnetic Compass - A vessel must be provided with an efficient magnetic compass, which is suitably adjusted or fitted with a deviation card.
- 5.3** Navigation Light - A vessel that operates only between sunrise and sunset is not required to carry navigation lights.
- 5.4** Mobile phone – At least one crew of vessel must be equipped with a mobile phone for communication.
- 5.5** Sound Signal Equipment - A vessel of less than 10 metres in length is not obliged to carry the sound signaling equipment required by the Regulations on the condition that some other means of making an efficient sound signal is provided and to the approval of the designated authority.
- 5.6** Vessels less than 10 metres must not put to sea in fog, and if visibility starts to deteriorate, they are to return to shore.

A vessel of more than 6 metres must carry a water-resistant torch, a suitable boat hook and a heaving line of at least 10 metres.

## **Chapter 6 Freeboard Criteria and Stability:**

### **6.1 Freeboard Calculation**

Freeboard calculation shall comply as per **sections 15 of Inland Vessels (Design and Construction) rules 2023.**

### **6.2 Draft marks and freeboard marking:**

Draft marks and freeboard marking shall comply prescribed under **sections 31 and 32 of Inland Vessels (Design and Construction) 2023.**

### **6.3 Lightship:**

May be determined by the estimation of the structure material and outfitting material or weighed by crane lifting or by weighing machine in the presence of the designated authority.

### **6.4 Draft record or measurement**

Manual loading simulates actual loading conditions w.r.t longitudinal, vertical and transverse center of gravity as per inland vessel types; and needs to record the draft, at lightship, deadweight and overload conditions as mentioned in **SOP-XI**.

### **6.5 Stability Criteria & information:**

For Category 'C' vessels, the provisions contained in **sub-rules (1) to (8) of subsections of (13) of Inland Vessels (Design and Construction) 2023** shall apply only in so far as it is deemed reasonable, by the designated authority, considering the type, size and intended operational profile of the vessel

**6.5.1 Metacentric Height (GM)  $\geq 0.35$ ; at full loaded condition.**

**6.5.2 Metacentric Height (GM)  $\geq 0.00$ ; at overloaded condition.**

**6.5.3 Heeling Test:**

The vessel should heel up to 10 deg.  $\pm 1$  deg and should return back to its original position.

**6.6** The above test is not mandatory for similar vessels (length, breadth, depth, material used and structure arrangement are the same).

**6.7** The above draft marking, weight measurement, draft measurement and stability test are recorded in the presence of the designated authority.

**6.8** All inland vessels ~~are~~ to be designed and constructed to meet the minimum requirement of 110% floatation test or reserve buoyancy. The density of buoyant material shall be less than 0.35 MT/m<sup>3</sup>. The buoyancy material shall be protected from mechanical damage and be placed or secured so that it cannot be accidentally moved or floated out of place. Buoyancy material shall be as per national and international standards.

## **Section B: Non-Mechanically Propelled Inland Vessel**

The rules of this section shall apply to Non-Mechanically Propelled Inland Vessel registered under Inland vessels rules, Odisha, 2023.

### **Chapter 1 Construction and Structural Strength**

#### **1.1 General Requirements**

##### **1.1.1 Adequate Strength and Service Life:**

The hull structure must be designed and constructed to provide sufficient strength to withstand the stresses and forces it will experience during operation.

The vessel's service life is critical, and the hull must be durable enough to maintain its structural integrity over an extended period.

##### **1.1.2 Weather Conditions and Operating Parameters:**

The design shall take into account the weather conditions that the vessel is likely to encounter in its designated area of operation as mentioned in **Section A sub-rule 3** above.

The hull must be capable of withstanding these weather conditions at both the vessel's service draught (the depth of water required for the vessel to float freely) and its maximum service speed.

##### **1.1.3 Openings with Adequate Stiffening:**

Any openings in the hull, such as doors or hatches, shall be designed with sufficient stiffening. Stiffening refers to reinforcing the structure around the opening to maintain overall structural integrity.

The design of these openings must meet the standards and requirements set by the designated authority, which could be a maritime regulatory body or another relevant authority.

##### **1.1.4 Alternative Standards:**

Construction and strength of Category C inland vessels may be recognized by the designated authority in accordance with recognized national/international standards (ISO standards for small crafts –ISO12215).

##### **1.1.5 Approval from Designated Authority:**

The satisfaction of the designated authority is crucial, indicating that the vessel's design and construction meet the required safety and regulatory standards.

#### **1.2 Materials and Equipment Standard**

##### **1.2.1** Materials used for the construction of Category 'C' vessels shall confirm to the standards considered appropriate by the designated authority.

##### **1.2.2** Equipment and types of machinery are required to be carried onboard, and shall be under Bureau of Indian Standards or International Standards Organization norms.

##### **1.2.3** Proposals to use any other material shall be submitted to the designated Authority for consideration and approval.

### 1.3 Hull, Bulkheads, decks, deck openings

**1.3.1 Hull:** The structural strength of the hull shall be sufficient to withstand forces exerted on it. In the decked vessel – the upper deck and hull side's cut/opening/outfitting shall be watertight. In an open vessel – the hull side's cut/opening/outfitting shall be watertight. Hull Construction and Scantlings may also be recognized by the Designated Authority in accordance with ISO12215.

#### 1.3.2 Bulkheads:

The structural strength of the watertight bulkhead **in the decked vessel** shall be sufficient to withstand the test under the approval of the designated authority **as per Chapter 6**. Any opening in a watertight bulkhead shall be provided with watertight outfitting, i.e., a watertight door and pipe penetration, to the satisfaction of the designated authority.

#### 1.3.3 Decks, deck opening and hatch coamings:

For decked vessels, the deck must be watertight from stem to stern throughout. For embarking/disembarking of passengers or cargo, a minimum two-deck hatch shall be provided with a coaming height mentioned in **sub-rule 1.4** below.

### 1.4 Calculation of freeboard.

**1.4.1** For all vessels, the assigned freeboard shall be the freeboard of the deepest approved loading condition recorded in the intact or damaged stability information booklets (if required)

**1.4.2** Notwithstanding anything contained in **sub-rule (1)** above, the freeboard assigned shall in no case be less than 150 mm for cargo vessels and 300 mm for passenger vessels.

### 1.5 Cargo Hatches, Coaming Heights and conditions of assignment of freeboard.

**1.5.1** The height of cargo hatch coamings above decks shall not less than:

- (a) 300 [mm] for Zones 1 and 2; and
- (b) 200 [mm] for Zone 3;

**1.5.2** In addition, the height [mm] of hatch coaming above load water line is to be not less than given in the Table below:

Height of Hatch coamings or ventilator coamings above load waterline			
	Zone 1	Zone 2	Zone 3
With a weathertight hatch cover or ventilator closing appliances	1000	600	300
Without weathertight hatch cover or without ventilator closing appliances	1700	1000	500

**1.5.3** The strength and water tightness requirements, alternatively may be applied as per ISO12216 to the satisfaction of the designated authority.

### 1.6 Windows and side Scuttles:

Designed and constructed as per **sub-rule 20** of in Inland Vessels (Design and construction) Rules 2023 or ISO12216 to the satisfaction of the designated authority.

### 1.7 Height of side railing or guard rails:

The top of the gunwale, bulwark, or railing must be at least 900mm in height.

## 1.8 Flooring

In passenger vessels or similar vessels carrying passengers, the floor in areas with fittings shall be flushed, and the flushed floor area shall be in contrasted color and provided with anti-skid material to the satisfaction of the designated authority.

# Chapter 2 Equipment

## 2.1 General Requirements:

Equipment details and installation information shall be shared to the designated authority.

## 2.2 Paddle Wheel:

Paddle wheel and similar type of equipment or system shall be maintained, greasing shall done periodically.

Frictional material shall installed to the paddle for safety while operating.

## 2.3 Battery

Accumulator batteries are to be protected against short circuits by devices, in each insulated pole, placed at a position adjacent to the battery compartment.

## 2.4 Bilge pumping arrangements and bilge pump

Provided the safety of a vessel is not impaired, a bilge pump needs to be carried or installed for drainage of particular compartments.

**2.4.1** The requirements and the provisions of these rules generally apply to vessels of Category 'C', in so far as deemed reasonable by the designated authority, giving due consideration to their size and operational profile of the vessels.

**2.4.2** A minimum of one hand-operated bilge pump or a bailer or a bucket is to be provided.

**2.4.3** One bilge pump may be the fire pump complying with the relevant firefighting requirements.

**2.4.4** The bilge pump installed shall be of self-priming type.

## 2.5 Steering

**2.5.1** Category 'B' and Category 'C' vessels are to be provided with reliable steering systems. In the case of Category 'C' vessels, only a hand tiller may be provided for steering, if acceptable to the designated authority.

**2.5.2** The control position is to be located such that the person conning the vessel has a clear view for the safe navigation of the vessel.

**2.5.3** Construction and fitting shall be as BIS /ISO standards or other marine standards and to the satisfaction of the designated authority.

## 2.6 Rudder

As appropriate to the vessel, the rudder and rudder stock construction materials, design in total (including tiller head attachments, bearings and pintles) and the supporting structures shall correspond to the operating conditions for the vessel. Recognized design standards such as BIS/ISO or any other marine standards to the satisfaction of the designated authority for construction and fitting of the Rudder & Ancillary Equipment.

## 2.7 Anchor and Cables

- 2.7.1 An anchor of sufficient mass for the size and type of vessel must be provided, and as a minimum be of a kedge type.
- 2.7.2 Cables are to be provided sufficient for the area of operation, it may be of chain or rope.
- 2.7.3 When the anchor cable is of rope, it shall not be less than 10 metres of chain between the rope and the anchor.
- 2.7.4 The minimum diameter of cable rope shall be 32mm and to the satisfaction of the designated authority.

Construction and fitting to be as per BIS/ISO or marine standards to the satisfaction of the designated authority.

## 2.8 Towline

A vessel shall be provided with a rope towline of not less than the length and diameter of the anchor cable.

## 2.9 Electrical Equipment Arrangement and Installations

- 2.9.1 The electrical arrangements shall be such as to minimize the risk of fire and electric shock.
- 2.9.2 Electrical equipment and installations of all mechanically propelled inland vessels shall comply with the relevant electrical standards prescribed under **sub-section 59** of Inland Vessels (Design and Construction) 2023.
- 2.9.3 Batteries - Traditional alkaline and lead acid batteries evolve flammable hydrogen gas which can escape to a high level within the space through the vent plugs provided. Consequently, potential sources of ignition such as electrical equipment not directly associated with the battery installation, loose metallic objects, spanners etc. shall be kept clear.
- 2.9.4 Electrical cables - Electric cables shall be constructed to a recognized standard for marine use in small vessels. Adequate provision shall be made for securing electrical connections e.g., by use of locking washers.
- 2.9.5 Alternatively, Small Crafts with electrical systems having an operating voltage lower than 50 [V] are to comply with acceptable National/International standards (such as ISO10133- Small Craft - Electrical Systems - Extra Low- Voltage D.C. Installations and ISO13297 - Small Craft- Electrical Systems-Alternating Current Installations), which provide a level of safety equivalent with the requirements of these Rules, for the operational profile of the Craft.
- 2.9.6 Alternatively, Small Crafts with electrical systems having an operating voltage lower than 50 [V] are to comply with acceptable National/International standards (such as ISO25197 - Small Craft -- Electrical/Electronic Control Systems for Steering, Shift and Throttle), which provide a level of safety equivalent with the requirements of these Rules, for the operational profile of the Craft.
- 2.9.7 Alternatively, small crafts with electrical systems having an operating voltage higher than 50[V] are to comply with the requirements of Chapter 12, Section 5 (except 5.4) of the *Rules and Regulations for the Construction and Classification of High-Speed Crafts and Light Crafts*, as applicable to **HSLC** and **LC** crafts

## 2.10 Electrical Cables

- 2.10.1 All electric cables and external wiring to the equipment shall be at least of flame-retardant type.

**2.10.2** Cables and wiring which is serving essential or emergency power, lighting, internal communications or signals shall be routed clear of galleys, laundries, and their housings and other high fire risk areas.

**2.10.3** Where cables which are installed in hazardous areas introduce the risk of fire or explosion in the event of an electrical fault in such areas, special precautions against such risks shall be taken such as are considered necessary by designated authorities.

**2.10.4** Cables and wiring shall be installed and supported in such a manner so as to avoid chafing or other damage.

**2.10.5** Terminations and joints in all conductors shall be so made as to retain the original electrical, mechanical, flame retarding and, where necessary, fire-resisting properties of the cable.

## **2.11 Renewable sources of electrical power**

### General requirements for solar power systems

**2.11.1** Solar power may be used as an additional source for charging battery systems. Suitable changeover arrangements are to be provided to ensure charging of the batteries when the output from photovoltaic (PV) panels is not sufficient to charge the batteries.

**2.11.2** The components of solar power systems are to be suitably sized for charging the connected batteries.

**2.11.3** The PV panels and associated power system components are to be suitable for marine use.

**2.11.4** The following are to be considered while designing and sizing the solar power system: environmental conditions, geographical conditions, solar radiation, rated voltage and current, photovoltaic module maintenance requirements and storage battery capacity.

**2.11.5** Tests and trials are to be carried out to verify the satisfactory operation of solar power systems.

**2.11.6** PV modules are to comply with recognised standards such as:

(a) IEC 61215-1:2021 Terrestrial photovoltaic (PV) modules – Design qualification and type approval - Part 1: Test requirements

(b) IEC 61215-2:2021 Terrestrial photovoltaic (PV) modules – Design qualification and type approval - Part 1: Test procedures

(c) IEC 61701:2020 - Photovoltaic (PV) modules - Salt mist corrosion testing

(d) IEC 61730-1:2016 – Photovoltaic (PV) module safety qualification, Requirements for construction

(e) IEC 62716:2016 – Photovoltaic (PV) modules - Ammonia corrosion testing (for modules installed onboard ammonia carriers).

## **2.12 Store, Spare, Gear and Tool**

Every inland vessel shall be provided with stores, spare gear and tools as may be necessary and sufficient for the intended service of the vessel.

## **Chapter 3 Life-Saving Appliances**

**3.1** Any particular piece of equipment or machinery that the inland vessels shall be provided with or carried onboard shall be in accordance with a national or international standard such as the BIS or the ISO.

**3.2** Life-saving appliances shall be fitted with retro-reflective material and the dimensions and location of the material shall be in accordance with national or international standards.

**3.3** The minimum capacity of a life-raft or buoyant apparatus shall be provided for 110% of the total capacity of the crew and passengers on board; the number of life-rafts or buoyant apparatus may be determined by the designated authority depending on the area of operation and rescue services, buoyant apparatus may be replaced with an equivalent capacity of a number of lifebuoys and at least 30 meters of buoyant line.

**3.4** One whistle or equivalent sound signal.

**3.5** One first-aid kit in a waterproof case.

**3.6** One red hand flare.

**3.7** Two buoyant paddles.

**3.8** One waterproof electric torch adequate for Morse signaling or one searchlight.

**3.9** Life Jacket shall be provided for 110% of the total capacity for each crew and passenger including children and infants onboard.

**3.10** These rules are in addition to Centre Inland Vessel LSA Rules, whereas applicable.

## **Chapter 4 Fire Safety and Fighting Appliances**

- 4.1** Any particular piece of equipment or machinery that the inland vessels shall be provided with or carried onboard shall be in accordance with a national or international standard such as the BIS or the ISO.
- 4.2** Minimum one portable fire pump or fixed fire pump to be carried on board
- 4.3** A minimum of one fire bucket with a lanyard shall be provided.
- 4.4** A minimum of one sandbox with a scoop shall be provided and the quantity shall not be less than 0.050 cubic metres.
- 4.5** These rules are in addition to Centre Inland **Vessel FFA Rules, whereas applicable.**

## **Chapter 5 Navigation and Communication Equipment**

- 5.1** Any particular piece of equipment or machinery that the inland vessels shall be provided with or carried onboard shall be in accordance with a national or international standard such as the BIS or the ISO.
- 5.2** Magnetic Compass - A vessel must be provided with an efficient magnetic compass, which is suitably adjusted or fitted with a deviation card.
- 5.3** Navigation Light - A vessel that operates only between sunrise and sunset is not required to carry navigation lights.
- 5.4** Mobile phone – At least one crew of the vessel must be equipped with a mobile phone for communication.
- 5.5** Sound Signal Equipment - A vessel of less than 10 metres in length is not obliged to carry the sound signaling equipment required by the Regulations on the condition that some other means of making an efficient sound signal is provided and to the approval of the designated authority.
- 5.6** Vessels must not be put to sea in fog, and if visibility starts to deteriorate, they are to return to shore.  
A vessel must carry a water-resistant torch, a suitable boat hook and a heaving line of at least 10 metres.

## **Chapter 6 Freeboard Criteria and Stability:**

### **6.1 Draft marks and freeboard marking:**

Draft marks and freeboard marking shall comply prescribed under **subsections 31 and 32 of Inland Vessels (Design and Construction) 2023.**

### **6.2 Freeboard Criteria**

Freeboard criteria shall comply as per **subsections 31 and 32 of Inland Vessels (Design and Construction) rules 2023.**

### **6.3 Lightship:**

May be determined by the estimation of the structure material and outfitting material or weighed by crane lifting or by weighing machine in the presence of designated authority.

#### **6.4 Draft record or measurement**

Manual loading simulates actual loading conditions w.r.t longitudinal, vertical and transverse center of gravity as per inland vessel types; and needs to record the draft, at lightship, deadweight and overweight conditions. as mentioned in **SOP-XI**.

#### **6.5 Stability Criteria & information:**

For Category 'B' and Category 'C' vessels, the provisions contained in **sub-rules (1) to (8) of subsections of (13) of Inland Vessels (Design and Construction) 2023** shall apply only in so far as it is deemed reasonable, by the designated authority, considering the type, size and intended operational profile of the vessel

**6.5.1** Metacentric Height (GM)  $\geq 0.35$ ; at full loaded condition.

**6.5.2** Metacentric Height (GM)  $\geq 0.00$ ; at overloaded condition.

**6.5.3** Heeling Test:

The vessel should heel up to 10 deg.  $\pm 1$  deg and should return back to its original position.

**6.6** The above test is not mandatory for similar vessels (length, breadth, depth, material used and structure arrangement are the same).

**6.7** The above draft marking, weight measurement, draft measurement and stability test are recorded in the presence of the designated authority.

**6.8** Alternatively, for stability and buoyancy assessment the requirements in International Standards Organisation 12217-1 and 12217-3 may be applied instead of the criteria mentioned in sub-rules 6.5 and 6.6.

**6.9** All inland vessels are designed and constructed to meet the minimum requirement of 110% floatation test or reserve buoyancy. The density of buoyant material should be less than 0.35 MT/m<sup>3</sup>. The buoyancy material shall be protected from mechanical damage and be placed or secured so that it cannot be accidentally moved or floated out of place. Buoyancy material shall be as per national and international standards.

**SCHEDULE IX-(POLLUTION AND CONTAMINATION)****Part -I****[See subrule (2) & subrule (3) of rule 11]****Prescription for oily mixture treatment equipment for Inland vessel****Oil filtering equipment (15 ppm bilge, separator) -**

- (1) The 15-ppm bilge separator shall be strongly constructed and suitable for vessel's use bearing in mind its intended location on the vessel.
- (2) It shall, if intended to be fitted in locations where flammable atmospheres may be present, comply with the relevant safety regulations, for such spaces.
- (3) The 15-ppm bilge separator shall be so designed that it functions automatically. However, safe arrangements to avoid any discharge in case of malfunction shall be provided.
- (4) Changing the feed to the 15-ppm bilge separator from bilge to oil bilge water to emulsified bilge water, or from oil and water to air shall not result in the discharge overboard of any mixture containing more than 15ppm of oil.
- (5) The system shall require the minimum of attention to bring it into operation. In the case of engine room bilges, there shall be no need for any adjustment to valves and other equipment to bring the system into operation. The equipment shall be capable of operating for at least twenty-four hours of normal duty without attention.
- (6) All working parts of the 15-ppm bilge separator which are likely to be damaged shall be easily accessible for maintenance.

**15 ppm bilge alarm -**

- (1) The 15-ppm bilge alarm shall resist corrosion in the conditions of the marine environment.
- (2) Any electrical equipment which is part of the 15-ppm bilge alarm shall be placed in a non-hazardous area.
- (3) A ppm display shall be provided. Onboard testing according to manufacturer's instructions shall be carried out.
- (4) The response time, that is the time which elapses between an alteration in the sample being supplied to the 15-ppm bilge alarm and the ppm display shall not exceed five seconds.
- (5) The 15-ppm bilge alarm shall record date, time and alarm status and operating status of the 15 ppm bilge separator. The recording device shall also store data for at least eighteen months.
- (6) The accuracy of the 15 ppm bilge alarms shall be checked at renewal survey according to the manufacturer's instructions. The calibration certificate for the 15-ppm bilge alarm, certifying date of last calibration check, shall be retained on board for inspection purpose.

**Part-II****Holding tank for Inland vessel-**

The capacity of bilge water holding tanks shall be as follows: -

Vessels below 150 gross tonnage or main engine rating upto 750 kw.... 1.0 m<sup>3</sup>

Vessels (> 150 gross tonnage and < 400 gross tonnage) or main engine rating upto 1000 Kw 1.5 m<sup>3</sup>

Vessels (> 400 gross tonnage and < 3000 gross tonnage) or main engine rating (>1000 KW and < 20,000 kw)capacity: 1.5+(P-1,000)/1,500 m<sup>3</sup>

Vessels (> 3000 gross tonnage) or main engine rating (> 20,000 kw)

Capacity: 14.2+0.2 (P\*-20,000)/1,500 m<sup>3</sup>

\*(P=main engine rating in kw)

Provided that for Inland Vessels of less than 150 gross tonnage, where due to space constraints, it is not practicable to provide 1.0 m<sup>3</sup> holding tank, the Designated Authority may allow for providing 0.5 m<sup>3</sup> holding tank for Inland Vessels of 250 kw to 750 kw engine rating and 0.25 m<sup>3</sup> for less than 250 KW engine rating.

**Schedule X**  
**List of Approved Routes**

Directorate of Ports and Inland Water Transport under Commerce & Transport (Com) in addition to Certificate of Survey also approves the route on which the Passenger/ Tourist Vessels are allowed to operate on the basis of application of the owner. The state government by issuing notification may add or remove routes from the following list of approved routes.

**(1) Chandabali sector**

- a) Chandabali - Aradi
- b) Chandabali - Dhamara-Talachua
- c) Chandabali to Bhitarakanika

**(2) Balugaon Sector**

- a) Balugaon - Kalijai
- b) Balugaon – KrushnaprasadGada
- c) Nuagarh (Astaranga)- Kaliakana - Gandakul

## Schedule- XI

### **PRICEDURES FOR THE DETENTION OF VESSELS (SECTION 63 AND 85 OF THE INLAND VESSEL ACT 2021)**

#### **1      Inspection. —**

- 1.1 For the purpose of ensuring that the provision of the Act, are being complied with, the Registering Authority or any officer authorized by the State Government may go on board, detain, or inspect any vessel at any hour.
- 1.2 It shall be the duty and responsibility of the owner or master of the inland vessel to give all reasonable assistance to the inspecting officer in carrying out the inspection and to comply with any lawful direction that he may give.
- 1.3 In case any inland vessel is detained, a report of the circumstances in which the detention is ordered the copy of detention notice shall be sent to the Registering Authority and the Administration within forty-eight hours. The notice of detention to be given as per the form appended to this schedule at Annex-1.

#### **2      Inspection criteria. —**

2.1 When deciding whether the deficiencies found in a vessel are sufficiently serious to merit detention or the vessel is involved in a claim or liability for personal injury, loss of life or pollution to the environment, the appointed or the authorised officer should assess whether:

- (1) the vessel complies with the provisions of the Act, specially section 85 and has relevant, valid documentation as per the Act;
- (2) the vessel has the crew required for Safe Manning under the Chapter VI of Act and Inland Vessel Manning Rules of the Central and the State Government;
- (3) the vessel is involved in an accident where personal injury, loss of life or pollution to the environment has been caused
- (4) there is an order of detention, or removal from the court, investigation authority, investigating officer under the provision of the Act or Central or State Government rules under the Act.

2.2 During inspection, the appointed or the authorised officer should further assess whether the vessel and/or crew, throughout its forthcoming voyage, is able to:

- (1) navigate safely;
- (2) safely handle, carry and monitor the condition of the cargo;
- (3) operate the engine-room safely;
- (4) maintain proper propulsion and steering;
- (5) fight fires effectively in any part of the ship if necessary;
- (6) abandon ship speedily and safely and effect rescue if necessary;
- (7) prevent pollution of the environment;
- (8) maintain adequate stability;
- (9) maintain adequate watertight integrity;
- (10) communicate in distress situations if necessary; and
- (11) provide safe and healthy conditions on board.
- (12) safely carry passengers as per the registered capacity

2.3 If the result of any of the assessments in paragraphs 1.1 and 1.2 is negative, considering all deficiencies found, the vessel should be strongly considered for detention. A combination of deficiencies of a less serious nature may also warrant the detention of the vessel.

2.4 Vessels which are unsafe to ply on the waterways should be detained upon the first inspection, irrespective of the time the vessel will stay in port or at the terminal.

### 3 General

The lack of valid certificates as required by the relevant instruments may warrant the detention of vessels. However, vessels registered in the other states of the country, if not carrying the certificate of the inspecting state may be given opportunity to present its case prior detention.

### 4 Detainable Conditions

The Registration Authority or any officer authorized by the Government when inspecting vessels and is considering detention, he shall be guided by the provisions of the following sections of the Inland Vessel Act, 2021:

- (1) section 19
- (2) subsection (3) of section 61
- (3) section 63
- (4) section 66
- (5) section 85

### 5 Duty of Care

Provided that the appointed or the authorized officer shall exercise due care and not unnecessarily hinder the loading or unloading of cargo or; embarking or dis-embarking of passengers of the mechanically propelled inland vessel, or unnecessarily detain or delay her from proceeding on any voyage.

### 6 Appeal Provision

6.1 Any person aggrieved by an order made by the officers or authorities under this Act, may appeal to the designated authority against refusal, suspension, cancellation, detention, removal or such other order, issued under the Act, within thirty days from the date of receipt of such order.

6.2 The Designated Officer shall cause notice of the appeal to be given to concerned officers or authorities whose order is made the subject matter of the appeal, and give an opportunity of hearing to the appellant. The state government may constitute a committee for hearing the appeal.

6.3 Subject to the outcome of the paragraph 5.2, the designated officer shall pass appropriate order by recording reasons thereof, which shall be final. The release order format is appended at Annex-2 to this schedule.

Detention Order

Reporting office:

Head Office:

<b>Detention Order No:</b>	<b>Date:</b>
<b>Name of Vessel:</b>	<b>Registration Number:</b>
<b>Place of Registry:</b>	<b>Present Location:</b>
<b>Name of Master</b>	

Vessel....., was inspected in accordance with the provisions of Inland Vessel Act,2021 by the surveyors, authorised officers from this department on.....at ..... The inspection team has reported deficiencies rendering the vessel to be categorized as 'Unpliable within the meaning of Inland Vessel Act, 2021 and Odisha Inland Vessel Rules, 2024, as amended. •

In exercise of powers vested under section 63, 85,..... hereby orders provisional DETENTION of vessel....., Reg. No ..... under the State Control, subject to the "Note" below. •

**Note:-**

vessel....., Reg. No....., is thus detained and not allowed to sail out of the port / location limits of ..... name of the port..... without permission from this office. Unless otherwise informed explicitly the vessel has to carry out all necessary repairs in consultation with the classification / State, comply with the rule requirements as per the applicable Standards and presented for re-inspection by a Surveyor from this department, or as intimated otherwise.

Name.....

Signature.....

Date.....

**Encl:- Report (Form A & B) Copy to:-**

1. The Master (to also ensure that owners is informed forth with)
2. The Director, Ports and IWT
3. State of Registration
4. Classification Society

**NOTE: - The Master of the vessel has the "right of appeal"****against this order.****APPELLATE AUTHORITY: Director, Ports and IWT**

## Annex-2

**RELEASE ORDER**

<b>Release Order No:</b>	<b>Date:</b>
<b>Ref: Detention Order No:</b>	<b>Date:</b>
<b>Name of Vessel:</b>	<b>Registration Number:</b>
<b>Place of Registry:</b>	<b>Present Location:</b>
<b>Name of Master</b>	

Vessel..... Reg. No ....., registered at ..... was detained by this office on in view of serious deficiencies observed on the vessel and was advised to carry out all necessary repairs in consultation with State/ Surveying Authority of the vessel.

This is to confirm that subsequent to the re-inspection of the vessel by this department on..... and in exercise of power vested under section 85 of Inland Vessel Act 2021, and Odisha Inland Vessel Rules 2024, hereby Orders the release of vessel....., Reg. No.....

Thus, the vessel....., Reg. No ..... is permitted to sail out/ply subject to the following conditions if any (if no conditions apply, please state NIL) from the .....

- (1) .....
- (2) .....
- (3) .....

Name.....:

Signature.....:

Date.....

Copy to:

1. The Master (to also ensure that owners/ agents/ is informed forth with)
2. The Director, Ports and IWT
3. State of Registration
4. Classification Society

**FORM A**  
**STATE CONTROL INSPECTION REPORT (IV Act, 2021)**

If vessel is detained, copy to: Head Office, Master, State, and Classification Society

1 Name of reporting authority .....

2 Name of Vessel.....

3 State of Registration .....

4 Type of vessel.....

5 Registration Number and Year of Build .....,.....

6 Classification Society.....

7 Gross tonnage.....

8 Deadweight (where applicable).....

9 Date of inspection .....,

10 Place of inspection .....

11 Date of release from detention .....,

12 Particulars of company (details) and local contact

13 Relevant certificate(s)

SN	Certificate Title	Issuing Authority	Date of Issue	Date of Expiry	Last Survey		
					Type	Date	Place

14 Deficiencies Yes/No (see attached FORM B)

15 Vessel detained Yes/No (see annex)

16 Supporting documentation Yes/No

Issuing office.....

Signature.....

(duly authorized officer of reporting authority)

Telephone.....

This report must be retained on board for a period of two years and must be available for consultation by State control officers at all times.

**APPELLATE AUTHORITY: 1. Director of Ports and IWT**

**FORM-B**  
**STATE CONTROL INSPECTION REPORT**

If vessel is detained, copy to: Head Office, Master, State, and Classification Society

1 Name of Vessel: 2 Registration number:

3 Date of inspection 4 Place of inspection:

5 Nature of deficiency

SN	Deficiency	Section/Act	Rule/Order	Action Taken

Signature.....

Name.....  
*(duly authorized officer/reporting authority)*

- 1 This inspection was not a full survey and deficiencies listed may not be exhaustive. In the event of a detention, it is recommended that full survey is carried out by surveying authority and all deficiencies are rectified before an application for re-inspection is made.
- 2 Actions taken include, i.e.: Vessel detained/released, Registering State informed, classification society informed, next port informed

**Deficiency Action Codes**

Deficiency rectified: 01

Rectify deficiency at next port: 02

Rectify deficiency within 14 days: 03

Rectify deficiency before departure: 04

Rectify deficiency within 3 months: 05

Detainable deficiency: 06

Other (Specify): 99

**Inspection Action Code**

Next port informed: 11

Registration state informed: 12

Registration state consulted: 13

Surveying Authority informed: 14

Investigation of contravention of discharge of polluting agents: 15

**APPELLATE AUTHORITY:**

**1. Director of Ports and IWT**

**Schedule-XII**  
**Registration and Provisional Certification of Survey**

**Regulations**

1. In accordance with provisions of section 17 of the Inland Vessel Act, every mechanically propelled is required to be registered under the Act.
2. The section 5 of the Inland Vessels Registration and Other Technical Issues Rules, 2022 prescribes the procedures for registration.
3. The survey the vessel required as per the Inland Vessels Survey and Certification Rules, 2022 shall be completed before registry and marking of the vessel, which have to be completed before registration.

**The procedure of Registration**

1. The vessel shall meet the required construction standards and specifications as defined by the inland waterways authority of India (IWAI) or applicable rules and regulations as per the Odisha Inland Vessel Rules 2024.
2. Application for registration to be made by owner/agent or Master or builder as per Form 2. & submit relevant documents as per below: -
  - (a) A statement of compliance of Inland vessel Act & rules.
  - (b) Declaration of ownership as per Form 3.
  - (c) Builder's certificate (For New vessel).
  - (d) Inspection certificate along with approved main drawings.
  - (e) Instrument of Sale (for Second Hand vessel).
  - (f) A duplicate certificate of survey or provisional certificate.
  - (g) Challan receipt.
  - (h) Details of mortgage, if any.
  - (i) Copy or certificate of insurance.
3. The Registering Authority on receipt of the application shall approve the name and the official number for the vessel.
4. The Registering Authority shall give a notice of appointment of Date & time of inspection as per Form 4.
5. Upon successful inspection/examination and ascertaining that rules & requirements has been complied, Registering Authority shall issue a carving & marking note as per Form 5.
6. The carving & marking note shall be returned after carving & marking in the manner prescribed in section 8 of the Central Registration Rules, which shall be certified by the surveyor.
7. The registering authority, if thinks fit, shall grant certificate of registration as per Form 8, retaining the duplicate of Certificate of Survey or provisional certificate of Survey, builders' certificate, instrument of sale and the declaration of ownership.
8. The registering authority may refuse to register, if it is found that the inland vessel is mechanically defective or applicant fails to furnish satisfactory evidence as per application.
9. The registration application and process may be done on **online** at the following link:  
<http://bimsodisha.com/Registration/BoatOwner>.
10. The Registering Authority as per the jurisdiction of Districts are as follows:

Registering Authority-cum-A.E. (Mech), Ports & IWT, Chandabali, Bhadrak	Bolangir, Subarnapur, Cuttack, Jagatsinghpur, Dhenkanal, Angul, Kalahandi, Nuapada, Balasore, Bhadrak, Mayurbhanj, Jajpur, Sambalpur, Jharsuguda, Sundargarh, Keonjhar, Baragarh, Deogarh, Kendrapara
Registering Authority-cum-A.E. (Mech), Ports & IWT, Balugaon, Khurda	Ganjam, Puri, Nayagarh, Gajapati, Boudh, Koraput, Nawarangpur, Malkangiri, Khurda, Kandhamal, Rayagada

**Duplication of Certificate: -**

1. The Registering authority, shall issue a duplicate the certificate of registration, subject to payment of fees: -
  - (i) in the case of a certificate lost
  - (ii) in the case of a certificate destroyed
  - (iii) in the case of mutilated certificate
2. Duplicate certificate shall be stamped with the word 'Duplicate' in red ink.

**Registration post alterations/modifications: -**

1. No alteration or modification shall be made without the prior approval of the designated authority.
2. When an inland vessel is altered, varying the particulars of certificate of registration, application of such alteration/modifications be submitted to the Registering authority in Form 6.
3. The Registering authority decides to issue a new registration certificate or endorse the existing as per section 9 of Registration rules.

**Transfer of Registry:**

1. If the owner, ceases to reside or carry on business at registered address, change of address shall be notified (within 30 days) to the initial registering authority.

**Cancellation of Registration: -**

1. If a inland vessel is declared missing, destroyed, lost, abandoned or permanently unfit for service, the owner of the vessel shall report the fact to the Registrar within fifteen (15) days of occurrence of such event.
2. In the case, Owner intends vessel to be scrapped or dismantled or sold abroad, same shall be reported to that authority at least fifteen (15) days in advance of commencement of such activity.
3. The certificate of registration shall be surrendered to that Authority for cancellation.

**Miscellaneous: -**

1. The validity of the Certificate of Registration shall be five years; thereafter, the applicant shall make a fresh application for the Certificate of Registration.
2. Each Certificate of Registration shall remain valid subject to the compliance of what is stated in these rules, unless terminated/ suspended by the Registrar.
3. The Certificate of Registration under these rules shall be subject to termination / suspension. During the validity of the Certificate of Registration, the operator shall, at all times ensure absolute compliance of all requirements associated with the safety, utilization and structural integrity of the vessel.

**Permission and operation: -**

1. Notwithstanding, the operator having valid Certificate of Registration, Certificate of Survey, equipment, the vessel shall not be operated without the valid permission for operation by the designated authority or District Magistrate.
2. The operator shall not alter the structure, machinery and equipment without permission of Registering authority.
3. The operator shall display capacity of vessel as certified by the Surveyor at the point of embarkation and disembarkation.

**Conditions for issuance of Provisional Certificate of Survey**

1. Any mechanically propelled inland vessel, which has been issued with a provisional certificate of survey or endorsement under sub-section (1), may proceed on voyage or use in service, temporarily, pending the issue of the certificate of survey, subject to the following conditions:
  - (a) The provisional Certificate of Survey shall have same effects as it is a Certificate of Survey
  - (b) Vessel shall be manned as required under the provision of the Act and rules therein
  - (c) Vessel shall be fit to apply in all respects complying with the provisions of the Act and rules
  - (d) therein
  - (e) Where the provisional Certificate of Survey is provided to obtain certificate of insurance, the
  - (f) vessel shall not proceed on the voyage till the vessel is insured as per the provisions of the Act.
2. The provisional Certificate of Survey or endorsement made under the provisions of this Rule shall be valid for a maximum period of three months from the date thereof.

**Conditions for issuance of Provisional Certificate of Registry**

1. Provisional Certificate of Registry can be issued, if the vessel is in another state or if the documents are not complete as per the requirements.
2. The documents required for a Provisional Certificate of Registry are same as for normal Certificate of Registry.

## Schedule-XIII

**INVESTIGATION AND ENQUIRIES (section 74 & 75 of IV Act 2021)****Wreck, abandonment, damage, casualty, accident, explosion or loss**

- (1) The owner, operator or master of a mechanically propelled inland vessel, to give information of any Wreck, abandonment, damage, casualty, accident, explosion, or loss to or on board such a vessel while in the inland waters as per the schedule XIII, to:
  - (a) the officer in-charge of the nearest police station and
  - (b) the designated authority appointed
- (2) On receiving the information, the designated authority shall at once report the contents of the information to the District Magistrate.
- (3) The officer in-charge of the police station to investigate into the matter and submit a report to the jurisdictional Judicial Magistrate in accordance with the provisions of Chapter XII of the Code of Criminal Procedure, 1973.
- (4) The Judicial Magistrate may, on receiving the report referred to in paragraph 3 above, may act as he may deem fit in accordance with the provisions of Chapter XVI.
- (5) The designated authority conducts a preliminary enquiry as per procedure placed at Annex-1 and submit a report thereof to the District Magistrate, who shall transmit the same to the State Government.
- (6) On receipt of the report if the State Government deem it necessary, may direct the District Magistrate to carry out a formal investigation and submit an additional report to it and send a copy thereof to the Judicial Magistrate of the first class referred to in paragraph 3 through the jurisdictional police. The process of the formal investigation is given in Annex-2 appended to this schedule.

**Annex-1**

- 1) The purpose of the preliminary enquiry is to establish the following: -
  - (a) a wreck, abandonment, damage, casualty, accident, explosion or loss (incident) has occurred within the meaning of the act,
  - (b) the details of the voyage leading to the casualty
  - (c) The events that led to the casualty
  - (d) The extent to which loss of life or loss of property has occurred due to the incident
  - (e) The causes that led to the casualty including acts of incompetency, negligence or misconduct of the person / persons concerned.
- (2) The preliminary inquiry which is held under the Act is a departmental inquiry and the proceedings of such enquiries are not released to the public.
- (3) In conducting the preliminary inquiry, the inquiry officer has the following responsibilities:
  - (a) To inform the state government, the necessary details of the incident occurring within their jurisdiction
  - (b) To go on board and inspect the vessel including machinery and equipment but not unnecessarily detaining or delaying her from proceedings on any voyage.
  - (c) to enter and inspect any premises to facilitate the completion of the preliminary inquiry.
  - (d) to summon persons he thinks fit to take statement to complete the preliminary inquiry.
  - (e) to demand the production of all logbooks, documents or papers he considers necessary for the inquiry.
  - (f) to submit a report to the state government and the District Magistrate
- (4) If any person refuses to attend and answer or to produce necessary evidence or impede the inquiry officer should call his attention to the powers given to him and in case he still refuses, he can act against the person under Chapter X of the Indian Penal Code.
- (5) Where the owner or agent of a vessel, a casualty to which is being investigated, signifies his desire to be present during the inquiry, he may be permitted to be present, and
  - (a) but only while witnesses belonging to the vessel in which he is directly interested
  - (b) only while witnesses belonging to his vessel in which he is directly interested are being examined.
  - (c) he must remain silent.
  - (d) he may take note of evidence, if he desires but should not interfere examination of a witness.
- 6) Barring paragraph 5 above, no person is to be present in the room during the examination of the witness excepting the deponent, the officer conducting the inquiry and his clerk and if necessary an interpreter. Professional lawyers are not admitted into the proceedings of preliminary inquiry.

**Annex-2****Formal Investigation and District Magistrate**

- (1) Whenever the state government events leading to the incident requires that a formal investigation. The formal investigation may be done by the District Magistrate or Judicial Magistrate on the directions of the state government.
- (2) The objective of the formal investigation is not to punish anyone who may have been at fault but to throw light on the cause of the causality and to consider steps to prevent such causalities in future.
- (3) The courts of the Judicial Magistrate or the District Magistrate are assisted by assessors possessing the requisite technical knowledge and are independent of all the interest concerned (empaneled as per schedule-3). The assessors are appointed by the court out of the list which is maintained by the Designate Authority.
- (4) Where formal investigation involves or appears likely to involve any question regarding cancellation or suspension of Certificate of Competency of Master, Driver or Engineer, the court shall be assisted by not less than 2 assessors having the requisite experience in Merchant Marine Service.
- (5) The court can proceed with investigation, on the appointed date, time and place for holding the investigation, whether the parties upon whom notices of investigation have been served are present or not.
- (6) Report of Formal Investigation:
  - (a) The court need not tell its decision in open court, unless the cancellation or suspension of any officers' certificate is involved. It may be sent or delivered to the parties a copy of the report and to be transmitted to the state government.
  - (b) Where the cancellation or suspension of officer's certificate of Competency is involved, the court may deliver its decision in open court and also send or deliver to the parties a copy of the report to be transmitted to the state government.
  - (c) When the certificate is suspended and the court has recommended that a certificate of lower grade should be issued, the same shall be issued by the designated authority through the concerned chief examiner.

## Wreck, Accident, Casualty Report Form (section 74 and 75 of IV act)

<b>Section A</b>			
Date of accident (dd/mm/yyyy):		Time of accident:	
Name of vessel:			
Port of registry:		State of vessel Registration:	
Type of vessel (e.g. tanker/bulk carrier/cruise/ferry/passenger vessel etc):		Mechanical or Non-Mechanical	
Type of accident:			
Location of accident (e.g. name of port, berth, or other geographic reference <u>including lat/long</u> ):			
In which waterway/ river/ lake did the accident take place?			
Natural light:	Visibility:	Sea state:	Wind force:      Wind direction:
Consequences of accident (tick as many boxes as apply): <input type="checkbox"/> Fatal injury <input type="checkbox"/> Non-fatal injury <input type="checkbox"/> Vessel damaged <input type="checkbox"/> Vessel lost or abandoned <input type="checkbox"/> No injury or damage <input type="checkbox"/> Pollution – if ticked please state quantity:      Pollution type:			
<b>Section B: Vessel Details</b>			
Name & address of manager or owner:			
Name:			
Address:			
Tel:			
Email:			
Registration number:			
Length of vessel (in metres):		Gross tonnage:	
LOA or registered length:		Year of build (if known):	
Type of vessel:		Hull material:	
Classification society (if applicable):		Certification class (if applicable):	
Hours vessel was not under command/disabled (if applicable):		Please specify if, following the accident, either of the following were needed for the safety of your vessel:	

		Towage		
		Shore assistance		
Number of crew on board:		If applicable, number of passengers on board:		
Departure from last port	Date (dd/mm/yyyy):	Voyage *	From:	
	Time:		To:	
If applicable, extent of damage sustained to your vessel, including your vessel's cargo: (Please enclose photographs where possible)				
If applicable, name of Vessel(s) & port of registry or state of any other vessel(s) involved:				

**Section C: Details of person(s) killed, missing or injured**

(This section should be completed if any person has been killed or injured)

How many persons suffered injuries preventing performance of normal full range of duties for more than 72 hours (3 days) after the day of the accident?		How many persons killed or missing?	
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**Person 1**

Position (e.g. rank, rating, passenger, shore worker, contractor):	Gender:		Age:
	Nationality:		
What was injured? (e.g. left leg, finger):		Kind of injury (or enter "fatal" or "missing" if appropriate):	
Place on <u>vessel</u> where injury sustained:		Did injury mean more than 72 hours off work or greater than 24 hrs in hospital?	
On / off duty?			

**Person 2**

Position (e.g. rank, rating, passenger):	Gender:		Age:
	Nationality:		
What was injured? (e.g. left leg, finger):		Kind of injury (or enter "fatal" or "missing" if appropriate):	
Place on <u>vessel</u> where injury sustained:		Did injury mean more than 72 hours off work or greater than 24 hrs in hospital?	
On / off duty?			

If more than 2 persons suffered reportable injuries please continue in free text area:

**Section D: Please give a brief description of the sequence of events leading to the accident****Section E: Please state why you think the accident happened:**

**Section F:**

<b>Person completing form:</b>			
Name:		Date (dd/mm/yyyy):	
Position:			
Tel:			
Email:			
All information is true and complete to the best of my knowledge (please tick box): <input type="checkbox"/>			

<b>To be completed by vessel safety officer (if applicable):</b>			
Name:		Date (dd/mm/yyyy):	
Tel:			
Email:			
All information is true and complete to the best of my knowledge (please tick box): <input type="checkbox"/>			

<b>Designated person (if applicable):</b>			
Name:		Address:	
Tel:			
Email:			

<b>Section G - for completion in case the vessel is wrecked, abandoned or on sighting of a wreck</b>			
The location of the vessel / wreck (Lat/Long)			
status of the vessel (aground, foundered, anchored, moored, floating)			
Current Direction		Current Rate	
Wind Direction		Wind Force	
Status of vessels (Sinking, on fire, Broken, stability etc.) Description of action leading to abandonment			

## Guidance Note

Please use the terms in the shaded areas when completing section A of the Accident Report Form

**Wind ►**

Beaufort Scale			
0	Calm	knot (0-1)	m/s (0-1)
1	Light air	knot (1-3)	m/s (1-2)
2	Light breeze	knot (4-6)	m/s (2-3)
3	Gentle breeze	knot (7-10)	m/s (4-5)
4	Moderate breeze	knot (11-16)	m/s (6-8)
5	Fresh breeze	knot (17-21)	m/s (9-11)
6	Strong breeze	knot (22-27)	m/s (11-14)
7	Near gale	knot (28-33)	m/s (14-17)
8	Gale	knot (34-40)	m/s (17-21)
9	Strong gale	knot (41-47)	m/s (21-24)
10	Storm	knot (48-55)	m/s (25-28)
11	Violent storm	knot (56-63)	m/s (29-32)
12	Hurricane	knot (+64)	m/s (+33)
Unknown			

**Sea state ►**

0	Calm glassy	(0m)
1	Calm rippled	(0 - 0.1m)
2	Smooth	(0.1 - 0.5m)
3	Slight	(0.5 - 1.25m)
4	Moderate	(1.25 - 2.5m)
5	Rough	(2.5m - 4m)
6	Very rough	(4.0 - 6.0m)
7	High	(6.0 - 9.0m)
8	Very high	(9.0 - 14.0m)
9	Phenomenal	(+14m)
Unknown		

**Visibility ►**

Very poor	Vis < 0.5nm
Poor	0.5 <= Vis <= 2.0nm
Moderate	2.0 <= Vis <= 5.0nm
Good	5.0 <= Vis <= 25.0nm
Very good	Vis >= 25.0nm
Unknown	

**Light ►**

Daylight
Twilight
Night
Unknown

**Schedule-XIV**  
**PREVENTION AND CONTAINMENT OF POLLUTION**  
 (subsection (5) & (6) of section 54 of the Inland Vessel Act 2021)

**Compliance and reporting: -**

- (1) All existing vessels and new vessels shall comply with the requirements of chapter IX of the Act and rules thereunder. The compliance report to be submitted in Form TRMNL01 and TRMNL 02.
- (2) Waste generated on board vessels must be disposed of ashore as required by the MARPOL Convention 73/78 and chapter IX of the Act and rules thereunder.
- (3) The master of vessels shall to comply with pre-discharge notification and post-landing requirements, as follows:
  - (a) Pre-discharge notification – inform the service provider a day before category wise quantity to be discharged to the port facility
  - (b) Post Landing –
    - (i) obtain the waste landing receipt (Form: TRMNL03)
    - (ii) report inadequacies – if the Master of the vessel has encountered difficulties in discharging waste to reception facilities, he shall report the same to the designated officer or the port officer in Form (Trmnl 04).
- (4) It is the responsibility of the Master of the Vessel to ensure that all the waste is discharged for to the Port reception facility
- (5) In case of accidental spill, owner/operator or master to notify designated authorities accordingly.
- (6) Inland vessel with 50 PAX and more shall maintain Garbage Record Book & Garbage Management Plan as per Rule 8 (4) of the Central Pollution Rules.
- (7) The garbage retention facility on board shall be sufficient to segregate and store the Garbage estimated to be generated during the voyage.

**Form: TRMNL01****Service provider reception facility details and compliance report**  
(section 54(5) of the Inland Vessel Act)

Name :

Address :

Phone :

Fax :

Mobile :

e-mail id :

Webpage :

**Reception Facility Details:**

Type of facility	(tank, tank truck, portable tank)
Discharge restriction/limitations	
Minimum quantity (m <sup>3</sup> ):	
Maximum quantity (m <sup>3</sup> ):	
Max. discharge rate (m <sup>3</sup> /h):	
Availability of the reception facility:	(24 hours a day, 7 days per week)
Prior notice required (hrs):	
Cost/Charge:	
Additional information:	

**Reception Facility Compliance Report:**

Date of Assessment	:
Non-compliance of the utility if any (report to be attached)	:
Port/Terminal Waste categories for which the inadequacy was found by the user	:
Utility % of the facility	:
Port/Terminal Waste categories for which the facilities can be improved	:
Date of last inspection/verification (report to be attached)	

**Form: TRMNL 02****Assessment Report: Adequacy of Port Reception Facilities****1. General Information**

Name of the Port/Terminal:	
Location of the Port/Terminal:	
Waterway:	National/ State
Name of service provider assigned for providing Port Reception Facilities:	
Address and contact details of service provider	
Name and Designation of Responsible Person of the service provider	
Contact details of the Responsible Person	
Name of the Surveyor Conducting the assessment:	
Date of this assessment	
Date of last assessment	

**2. Port Reception Facility (PRF) available in the Port/ Terminal:**

<u>Categories of Waste</u>	<b>Availability</b>	
	<b>Yes</b>	<b>NO</b>
<b>MARPOL Annex I</b>		
Oily Bilge Water		
Oil residues (Sludge)		
Oil Tank Washings (Slop)		
Dirty Ballast Water		
Scale and Sludge from Tank Cleanings		
Others(Please Specify)		
<b>MARPOL Annex II (Category of NLS residue/water mixture for discharge to facility from tank washings)</b>		
Category X Substances		
Category Y Substances		
Category Z Substances		
Others, Please Specify		
<b>MARPOL Annex IV</b>		
Sewage		
<b>MARPOL Annex V</b>		
Plastics		
Floating dunnage, lining, or packing materials		
Ground paper products, rags, glass, metal, bottles, crockery, etc		
Cargo residues, paper products, rags, glass, metal, bottles, crockery, etc.		
Food waste		
Incinerator, ash		
Others, Specify		
<b>MARPOL Annex VI</b>		
Ozone-depleting substances and equipment containing such substances		
Exhaust gas-cleaning residues		
<b>Others, please specify with relevant MARPOL Annex</b>		

**3. Adequacy of Port Reception Facilities:** (Please confirm the following)

Requirements	Yes	No
Is there an assessment of demand for Port Reception facilities (based on quantities and waste categories received and being requested by users) available?		
Is the information regarding waste categories for which reception facilities are being provided readily available to visiting vessels? Name of contact person/contractors/fees to be charged displayed on port web-site/relayed to vessel by other means prior their arrival.		
Are the complaints received by port regarding reception facilities adequately addressed?		
Does the reception facilities provided fully meet the need of vessels visiting the ports?		
Is it ensured that a fee charged to avail the port reception facilities etc. does not act as a dis-incentive to use the facilities?		

**4. Environmentally Sound Management of Wastes** (Please confirm the following)

Requirements	Yes	No
Categorization and separation of vessel waste into hazardous and non-hazardous waste in accordance with hazardous and other waste rules, 2016.		
Disposal of hazardous and non-hazardous waste in accordance with hazardous waste Rules 2016 and port procedures.		
Is the waste received not defined under hazardous waste rules disposed in accordance with relevant rules?		

**5. Are the deficiencies/scope of improvement given during last assessment have been addressed within the agreed time period?**

Deficiencies/scope of improvement	Yes	No

**6. Details of deficiencies in this assessment**

Deficiencies/scope of improvement	Time period for compliance
<b>Surveyor comments:</b>	
<b>Terminal comments:</b>	
<b>Signature of Surveyor</b>	<b>Signature of Responsible Person</b>
<b>Name:</b>	<b>Name:</b>

**By Order of the Governor**

**USHA PADHEE**

**Principal Secretary to Government**